

SMOKE SIGNALS

For Radio Amateurs • By Radio Amateurs

Published Monthly Since 1969 • Our 24th Year

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ARES Capabilities on Display at Governor's Conference on Emergency Government



The Amateur Radio Emergency Service (ARES) was represented at the Governor's Conference on Emergency Government on August 18 and 19 at the Holiday Inn West near Madison. Despite short notice, the ARES was able to set up an excellent display in the commercial exhibits area. In the photo, Jim Engeseth, WA9CTW, of Dane County Emergency Government, is discussing a point with Ken Rizzo, Meteorologist in Charge of the National Weather Service's Sullivan, WI office. At right, Dane County Emergency Coordinator Jim Stone, K9JVP, listens to the discussion while he reviews a handout. Another photo is on page 9.

- Photo courtesy John Leekley, Wisconsin Section Emergency Coordinator

36th Scout Jamboree-on-the-Air

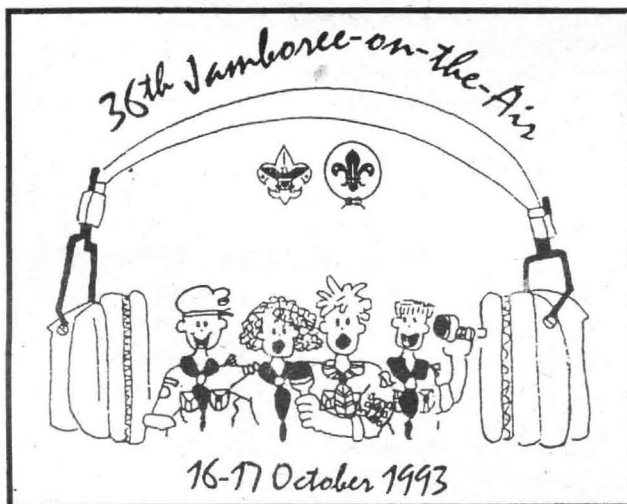
By Gene Santoski, K9UTQ

1220 18th Street So., Wisconsin Rapids, WI 54494

WHAT IT IS

Jamboree-on-the-air, or JOTA, is an annual Scouting/Amateur Radio event sponsored by the World Bureau of the World Organization of the Scout Movement. It is always held during the third full weekend of October.

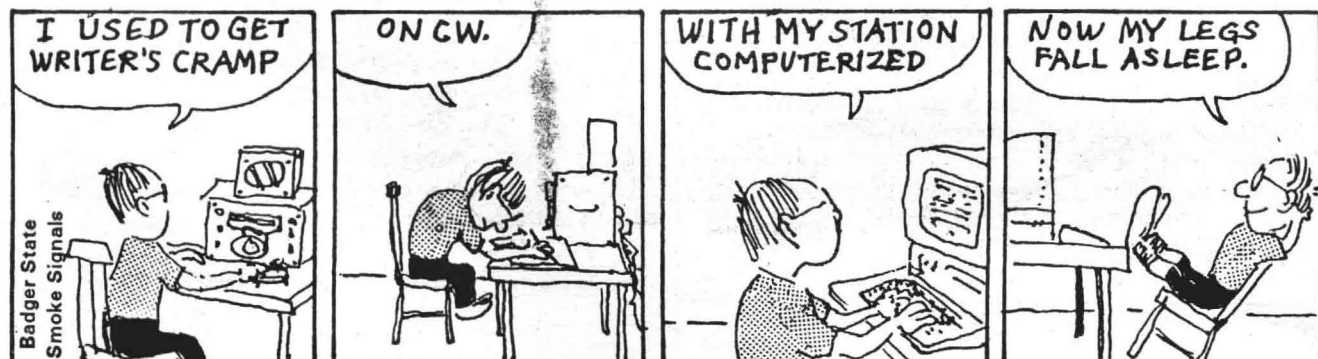
Thousands of stations around the globe participate. If propagation is right, it is common to contact 100 Scouting countries during the weekend. In 1992, Scouts in some areas of the world



Please turn to page 4

ELMER

By Rich Regent, K9GDF



Club Calls Action Urged

ARRL Answers Complaints About Club, Military Call Sign Proposal

The American Radio Relay League (ARRL) has responded to complaints filed against it by the W5YI-VEC, Inc. and the National Amateur Radio Association, in the matter of choosing administrative organizations for a proposed club and military amateur station call sign program.

On August 5, the ARRL told the (Federal Communications) Commission (FCC) that it saw defects in the applications from four other groups, (W5YI-VEC, Inc., the NARA, the Quarter Century Wireless Association, and the Southeastern Repeater Association), and reminded the Commission that there is no requirement that more than one administrator be named - nor any advantage to be gained from doing so.

In response, the W5YI-VEC and the NARA filed motions to strike the League's filing. The League told the FCC that it believes the motions have no basis.

The League's consolidated opposition calls "startling" an allegation of W5YI-VEC that the League lacks standing to oppose other groups' being call sign administrators.

Suffice it to say, the League said in its consolidated opposition, that the League continues to oppose the self-promotional efforts of unqualified or less qualified organizations to overly complicate and detract from the efficient private sector administration of club and military recreation station call signs....

Amateur Radio clubs and military recreation stations deserve better, the League said.

The League said that the W5YI-VEC and NARA motions to strike are no more than an effort to defend (their) defective applications.... there is absolutely no basis whatsoever for striking the League's opposition, and those motions should therefore be promptly dismissed.

No new club or military recreation station call signs have been issued since 1977.

- ARRL Bulletin 97, 9/12/93

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What's Happening

♦ **Swapfests and Other Social Events** ♦ **Club Meetings** ♦ **Amateur Radio Exam Schedules**

Edited by Kenneth A. Ebnetter, K9EN • 822 Wauona Trail • Portage, WI 53901

Swapfests and Other Social Events

SUNDAY, OCTOBER 10, 1993. KMRA Swapfest, Waukesha, WI. Contact: KMRA Swapfest, PO Box 411, Waukesha, WI 53187-0411.

SATURDAY, OCTOBER 30, 1993. HAMFEST MINNESOTA. St. Paul Civic Center, Main Arena, Kellogg & west 7th St., St Paul, MN. Call Hamfest Minnesota information line: (612) 535-0637.

SATURDAY, NOVEMBER 6, 1993. 9th annual 6.91 Friendly Fest sponsored by the Milwaukee Repeater Club. 8:00 am to noon at St. John the Evangelist Congregation, 8500 W. Cold Spring Rd. Tickets: \$4.00 advance or \$5.00 at the door. Tables: \$4.00 for four foot tables and \$8.00 for eight foot tables. Contact: Milwaukee Repeater Club, PO Box 2123, Milwaukee, WI 53201.

SUNDAY, JANUARY 9, 1994. WARAC 22nd annual Midwinter Swapfest, Waukesha County Expo Center Forum, Waukesha, WI. Free coffee and donuts until 9:00 a.m. Amateur Radio exams. Admission: \$3.00 advance or \$4.00 at the door. Tables (4 ft) \$4.00 or \$5.00 at the door. Electrical outlet: \$5.00 (if available) Contact: WARAC Swapfest, PO Box 1072, Milwaukee, WI 53201-1072. (see the ad on the back page, and watch for the full flyer ad with map in upcoming issue.)

SATURDAY, JULY 9, 1994. South Milwaukee Swapfest at Oak Creek, WI. Contact: SMARC, P.O. Box 102, South Milwaukee, WI 53172. (414) 762-3235 ext. 58.

SUNDAY, JULY 31, 1994. Racine Hamfest, Racine, WI. Contact RMC, PO Box 3, Racine, WI. (414) 554-7565.

See also the back page and flyers ads for addition information about many of the above events.

As a service to our readers, this section

of Badger State Smoke Signals is available without charge to list your upcoming Swapfest, Hamfest, dinner, picnic, party or other event of interest to Radio Amateurs in Wisconsin and nearby areas. Send information on your event to Kenneth A. Ebnetter, K9EN, 822 Wauona Trail, Portage, WI 53901. In addition, space is available at attractive rates on our advertising pages. For information on rates and requirements for our advertising pages, please contact K9ZZ or K9EN.

Club Meetings



Due to space limitations we cannot always carry the full listing of Wisconsin and area club meetings. Please save the following listings for your future reference. We hope to have the full listing at least three times a year, and will carry any changes or additions between full listings.

BADGER AMATEUR RADIO SOCIETY

(W9YT - U. W. - MADISON)

Monthly while school in session - 2nd Wed. - 7:30 p.m. - B-314, Electrical Engineering Bldg.

CENTRAL WISCONSIN RADIO AMATEURS, LTD.

(STEVENS POINT)

Second Wed..

EAU CLAIRE AMATEUR RADIO CLUB

2nd Tue. - 7:30 p.m. - Parks and Recreation Bldg., Oxford and 1st Streets, Eau Claire. Hams, guests welcome. Travelers welcome on wide area

club repeater K9UXP, 146.31/91.

FOUR LAKES AMATEUR RADIO CLUB (MADISON WI)

First and third Tues - 7:30 p.m. - Red Cross Bldg., 4860 Sheboygan Ave., room "C" downstairs. It is the next building west of the Hill Farms State Office building. The meetings start promptly at 7:30 pm.

FOX CITIES AMATEUR RADIO CLUB

Third Mon. - 7:00 p.m. - Roosevelt Jr. High School, 318 E. Brewster St., Appleton. Info: (414) 766-3886.

GREATER MILWAUKEE DX ASSOCIATION

Fourth Mon. of the month at 7:30 p.m. Contact any GMDX member or Dan Reese, N9XX, (414) 529-9806 (before 9 p.m. please) for meeting location.

GREEN BAY MIKE AND KEY CLUB

Second Thur. 7:30 pm - Media Services area of the J. M. Science Building at St. Norbert College in DePere.

GREEN FOX AMATEUR RADIO CLUB

Third Mon. - 7:30 p.m. - Green Lake Town Hall, int. of county hwy. K and N.

KETTLE MORAINES RADIO AMATEURS

Second Fri., 7:30 p.m. at the Waukesha County Technical College, Campus Science Building, Room 102. Talk-in on the N9KS 147.39 repeater.

LAKESHORE RPTR. ASSN.

Last Tue., Jan., Apr., Jul., & Oct., 7:30 p.m. Red Cross Bldg., 4521 Taylor Ave., Racine, WI.

MADISON AREA REPEATER ASSN.

The meeting schedule for 1991 is as follows: Nov. 11.

MANITOWOC COUNTY RADIO AMATEURS

Directors Meeting: First Wed.

General meeting: Second Wed.

Both meetings held at 7:30 p.m. in the basement, Manitowoc City Hall, 817 Franklin St., Manitowoc.

MENOMONEE FALLS AMATEUR RADIO CLUB

Last Tue. - Doors open 7:30 p.m., meeting begins 8:00 p.m. - Security Savings and Loan, Menomonee Falls. Amateurs and guests welcome.

MILWAUKEE RADIO AMATEURS CLUB

Last Thursday, Wauwatosa Savings and Loan (lower level) at 7500 W. State St. in Wauwatosa. No meetings in July, August and December.) Meetings begin at 7:00 pm.

NORTHERN WISCONSIN RADIO CLUB

4th Tue. - 7:30 p.m., Sept. through April. Peppermill Restaurant, Thunderbird Mall North, Menomonie, WI. Guests welcome.

NORTHWOODS ARC (RHINELANDER WI)

Third Tue.. Doors open at 7:00 p.m. Meeting at 7:30 p.m. South Park School, Rhinelander, WI. Talk-in on 146.93/.34. All interested visitors to the Northwoods are welcomed.

OZAUKEE RADIO CLUB

Second Wed. - 7:30 p.m. - Grafton Multipurpose Senior Center.

QCWA - WISCONSIN CHAPTER #55

Contact Erwin Froelich, W9RZW, Treasurer, Rte 1 Box 177D, Pine River WI 54965. For information about meeting dates or joining QCWA Chapter #55. The Wisconsin Chapter holds Spring and Fall dinner meetings.

QCWA - SOUTHEAST WISCONSIN CHAPTER #162

Badger State Smoke Signals

Amateur Radio Education and Information

CHAIRMAN: Kenneth A. Ebnetter, K9EN, 822 Wauona Trail, Portage, WI 53901. Telephone (608) 742-3560.

EDITOR: Jim Romelfanger, K9ZZ, 412 1/2 Ash Street, Baraboo, WI 53913. Telephone (608) 356-4031.

TREASURER: Jim Decker, WB9UQT, P.O. Box 337, Baraboo, WI 53913-0337.

CONTRIBUTING AUTHOR: Richard R. Regent, K9GDF, 5003 South 26th Street, Milwaukee, WI 53221.

Subscriptions

1 year	(12 issues)	\$9.75
2 years	(24 issues)	\$18.00
3 years	(36 issues)	\$26.00

Special club package reduced rates are available. For information, contact Ken Ebnetter, K9EN.

When to Send It

The closing date for each issue is the first of the month for the next month's issue. For example, the closing date for the June issue is May 1.

The only exception is for participating clubs. Participating clubs are requested to send their material no later than FIVE DAYS after the club's meeting. For example, if a club meets on the 4th of the month, the

material should be sent no later than the 9th of that month. This material is to be sent to the Editor.

Where to Send It

Address changes and corrections should be sent to Ken Ebnetter.

Editorial material, photographs, feature articles, display ads, and exchange papers should be sent to Jim Romelfanger.

Inquiries about advertising should be directed to Ken Ebnetter.

Swapfest information should be sent to Ken Ebnetter. Swapfest ads should be sent to Jim Romelfanger.

Subscriptions should be sent, with check or money order, to Jim Decker.

Conditions for Reprinting or BBS Posting Material from Badger State Smoke Signals

Permission is hereby granted to reprint articles or posting articles on radio or telephone bulletin boards from *Badger State Smoke Signals*, providing credit is given to the original author, publication in which the article first appeared, and to *Badger State Smoke Signals*. **THIS CREDIT IS MANDATORY, AND NO MATERIAL MAY BE PRINTED OR POSTED UNLESS IT IS GIVEN.** This newspaper is produced by volunteer Radio Amateurs, and is non-profit. This newspaper is mailed from Portage, WI 53901.

Editorial Disclaimer

The opinions expressed in editorials, guest editorials, columns, articles, and letters from readers are the opinions of the authors only, and do not, unless otherwise stated, express or imply endorsement by *Badger State Smoke Signals*, or by any other individual or organization.

Meets third Mon. monthly, 7:30 p.m., Around the Clock Restaurant, 3012 Rapids Drive, Racine.

RACINE MEGACYCLE CLUB

Second Mon., 7:30 p.m., Red Cross Bldg., 4521 Taylor Ave., Racine, WI

RIVERLAND AMATEUR RADIO CLUB

First Tue. - 7:00 p.m. - Onalaska Community Center, Onalaska WI.

ROCK RIVER RADIO CLUB

Monthly - first Tue. - 7:00 p.m. at Dodge County Sheriff's Department, 141 N. Main, Juneau, WI.

ARES Net: 146.04/146.64 Mon.s at 7:30 p.m. Sat.s on 7277 KHz at 10:30 a.m.

SHEBOYGAN COUNTY AMATEUR RADIO CLUB

Second Tue. - 7:00 p.m. - Sheboygan Red Cross/Boy Scout Bldg., 2032 Erie Ave.

SOUTH MILWAUKEE AMATEUR RADIO CLUB

First Wed. - Legion Post 434, Shepard Ave., Oak Creek WI. Auctions in March and October.

TAYLOR COUNTY AREA AMATEUR RADIO CLUB (TCAARC) MEDFORD

Usually the 1st Thur. of the month at 7:00 PM sharp. Usual location: emergency government meeting room/Red Cross office, basement of Sheriff's Annex to Taylor County Courthouse, 2nd and Ogden Sts., Medford, WI. Talk-in on 147.15 (+600) repeater. Amateurs & guests are welcome. ARES Net, Wed. nights at 8:30 PM on 147.15 (+600) repeater. For info contact: Mike Schoenfuss, N9GHZ, P.O. Box 401, Abbotsford, WI 54405, phone (715) 223-3996.

TRI-COUNTY AMATEUR RADIO CLUB

Meetings held at members homes. Usually monthly on Sunday afternoon. Contact: Glenn Eisenbrandt, (414) 563-6502 or John Saterlee, (414) 563-6381.

WASHINGTON COUNTY AMATEUR RADIO CLUB

Second Thursday, 7:30 p.m., Washington County Court House. Net on Thursdays at 7:30 p.m. on 146.73.

WATERTOWN AMATEUR RADIO CLUB

First Thur. of the month at 7:00 p.m., The Watertown Public Library, 100 S. Water St., Watertown, WI.

WAUPACA AMATEUR RADIO CLUB

First Sat. in March, June, September and December, at 9:30 a.m. at the Waupaca Fire Station in downtown Waupaca.

"QQ First Tue." - A social gathering and dutch treat luncheon at the King's Table in King, WI, on Highway QQ just south of highways 10 and 54 on the west side of Waupaca.

WEST ALLIS RADIO AMATEUR CLUB

Second Tue. - 8:00 p.m. - St. Peters Episcopal Church, 7929 Lincoln Ave. Entrance is at rear of building on alley.

WISCONSIN ASSOCIATION OF REPEATERS

Meetings are held Quarterly, with time and location to be announced. Repeater licensees, trustees, and sponsors are urged to attend W.A.R. meetings. All interested parties are welcome, as well.

WISCONSIN VALLEY RADIO ASSOCIATION (WAUSAU)

First Tue. - 7:30 p.m. - Location varies; info on 146.04/64, Wausau.

YELLOW THUNDER AMATEUR RADIO CLUB (BARABOO)

Days rotate: Scheduled meeting dates:

Thu. Sep. 16, Tue. Oct. 12, Wed. Nov. 17, Thu. Dec. 12.

All meetings, at the Baraboo Civic Center, Baraboo, WI. Meetings start 7:30 p.m.

Let Badger State Smoke Signals know your club's meeting dates, and we will let our readers know of your meetings and activities. There may be Amateurs in your area interested in joining your club, or members of other clubs interested in making an interclub visit.

The Test Point



Amateur Radio Examination Locations and Schedules in the Wisconsin Area

The following are known locations where Amateur Radio license examinations are scheduled in the Badger State area.

October 2, 1993	Racine, WI
October 9, 1993	Oak Creek, WI (SWAT)
October 9, 1993	Madison, WI
October 9, 1993	River Falls, WI
October 9, 1993	Park Falls, WI
October 10, 1994	Waukesha, WI (BE) (KMRA Swapfest)
October 16, 1993	Eau Claire, WI
October 16, 1993	Milwaukee, WI (BE)
October 16, 1993	Mt Carroll, IL
October 20, 1993	West Allis, WI (MRAC)
October 30, 1993	Wauwatosa, WI (MRAC)
October 30, 1993	Tomahawk, WI
November 6, 1993	Racine, WI
November 6, 1993	Menomonie, WI
November 6, 1993	Adams, WI
November 7, 1993	Kaukauna, WI (Hamfest)
November 13, 1993	Madison, WI
November 13, 1993	Marshfield, WI
November 13, 1993	Oak Creek, WI (SWAT)
November 17, 1993	West Allis, WI (MRAC)
November 20, 1993	Milwaukee, WI (BE)
November 20, 1993	Dubuque, IA
November 27, 1993	Wauwatosa, WI (MRAC)
December 1, 1993	Racine, WI
December 4, 1993	Stevens Point, WI
December 11, 1993	Madison, WI
December 11, 1993	River Falls, WI
December 11, 1993	Oak Creek, WI (SWAT)
December 15, 1993	West Allis, WI (MRAC)
December 18, 1993	Milwaukee, WI (BE)
January 9, 1994	Waukesha, WI (Midwinter Swapfest)
January 15, 1994	Milwaukee, WI (BE)
February 19, 1994	Milwaukee, WI (BE)
March 26, 1994	Menomonie, WI
November 5, 1994	Menomonie, WI

Monthly, 1st Sat. Racine, WI (except January, July & August)

Monthly, 2nd Sat. Madison, WI

Monthly, 2nd Sat. Oak Creek, WI (SWAT/MRAC)

Monthly, 3rd Sat. West Allis, WI (MRAC)

Monthly, 3rd Sat. Loves Park, IL

Monthly, Last Sat. Wauwatosa, WI (MRAC)

(except December)

Monthly, Last Sat. Tomahawk, WI

(January thru October only)

Many Swapfests/Hamfests offer exam sessions. If not shown above contact the sponsoring club in the Swapfest column on page 2.

The FCC now requires applicants to show their ORIGINAL AMATEUR LICENSE to the VEC. A copy of your license must be attached to your FCC form 610. You will also be required to have a photo ID, or other acceptable identification.

GENERAL RULES

FOR MOST EXAMINATIONS:

Be sure to check with sponsors in the event there are changes and/or errors in the dates or information given.

Most examinations require filing an FCC Form 610 and advance registration at least 30 days before the exam date. (Some VECs permit walk-ins. Check with sponsor.)

To register, you must first secure a copy of the current FCC Form 610 and fill it out completely (AND CORRECTLY). Get your form from an FCC Field Office, the ARRL or Badger State Smoke Signals. Send a 29¢ SASE if you request one from the ARRL or BSSS. In most cases, forms can also be obtained from the sponsoring group.

ARRL/VEC examinations require a check for \$5.60 payable to "ARRL/VEC".

The FCC now requires applicants to show their ORIGINAL AMATEUR LICENSE or CSCE to the VEC. You must also have two good copies of your license or CSCE. A copy of your license or CSCE must be attached to your FCC form 610 and most

VEC want a copy for their records. You will also be required to have a photo ID, or other acceptable identification.

Technician class licensees must show proof of testing before March 21, 1987, in order to upgrade to General with a code test only.

Additional information is given below.

MILWAUKEE RADIO AMATEURS' CLUB (MRAC/VEC)

OAK CREEK, WI (SWAT -MRAC/VEC)

SECOND SATURDAY DATES: 1:00 p.m. at Wauwatosa Savings and Loan Branch, 6560 S. 27th St., Oak Creek, WI. (MRAC/VEC fee \$5.00)

THIRD WEDNESDAY DATES: At 6:30 p.m. at Park Manor, 3023 S 84th St., West Allis, WI.

LAST SATURDAY DATES (except December): 8:30 a.m. at Wauwatosa, WI.

For Additional Information Contact; Jack Krause, (414) 774-6999 or call (414) 466-HAMS (Answering Machine) or write MRAC, 1737 N. 116th St., Wauwatosa, WI 53226.

Bring along your ORIGINAL license or CSCE and two (2) good quality photocopies, plus two forms of identification, such a driver's license, etc. Also required are a pen and \$5.00 (except Novice) for the exam fee. WALK-INS are welcome. To register in advance, use a post card: print the grade of license you are applying for, and your name, address, and telephone number. Send the card to MRAC/VEC, c/o Jack Krause, W9JK, or Les Peterson, W9YCV at the addresses shown above.

BADGER EXAMINERS (BE) - MILWAUKEE

October 10 (KMRA swapfest), October 16, November 20, December 18, 1993, January 15, and February 19, 1994.

NOTE: CHANGE IN LOCATION.

Unless otherwise noted, examinations are administered beginning at 9:00 a.m. to Noon, at WMS-TV studios, MATC Downtown campus in the C building. The address is 1036 N. 8th Street, Milwaukee. Walk-ins are welcome. To register in advance, send a post card with your name, test or tests you wish to take, date you wish to take., your call sign, address and telephone number to Badger Examiners, Gary J. Sharbuno, W19M, 5119 W. Willow Rd., Brown Deer, WI 53223. Telephone (414) 355-0237.

Also available now will be FCC General Radio Telephone Commercial exams. Fees are \$5.60 for the Amateur Radio exams and \$35.00 for the commercial exams.

ADAMS, WI (ARRL/VEC)

November 6, 1993, 9:00 a.m. at the Midstate Technical College, Adams, WI. Administered by the Wisconsin Rapids ARC. Contact: Gene Santoski, K9UTQ. (715) 423-6368.

MADISON, WI

VE exams are held in Madison every second Saturday morning (September through May) of the month at 8 a.m. They are held at the operations building of the Madison Metropolitan Sewerage District at 1610 Moorland Rd. To get there take the Beltline (Hwy 12 & 18) to South Towne Drive. Go south 8/10 mile till South Towne Drive makes a bend and becomes Moorland Rd. and enter at gate.

You should bring a picture ID, your original licence and a copy of your licence. For exams beyond the novice tests, bring a check for \$5.60, made out to the ARRL/VEC. If the special 610 form with the medical exemption is required, contact me beforehand to obtain one. No appointments are necessary to take exams. For further questions, please leave a message on the mailbox or phone me at (608) 832-6631.

Mark NZ9B

MARSHFIELD, WISCONSIN

Sponsored by the Marshfield Area ARS. Second Saturday every other month, at St. Joseph Hospital, School of Nursing entrance. Room 124. St. Joseph Ave., Marshfield, WI. Walk-ins Welcome. Contact Walter Friant, WBOKIN, 2310 Wal-lonnie Dr., Marshfield, WI 54449. (715) 387-3870

RACINE, WISCONSIN - ARRL/VEC

Monthly - first Saturday, except January, July, and August.

(continued on page 15)

Wisconsin Nets Association Ltd.

Rob Hummel, WA9ZTY, Secretary • 202 Midvale Drive • Marshall, WI 53559

Section Manager's Notes



Richard R. Regent, K9GDF
5003 South 26th Street
Milwaukee, WI 53221

Wisconsin Nets

Net	WNA	Freq.	UTC	CDT	Mgr.
BWN	Yes	3984	1100	0600	W9AYK
BEN	Yes	3985	1700	1200	KE9VU
WSBN	Yes	3985	2230	1730	K9UTQ
WNN	Yes	3723	2300	1800	KA9FVX
WSSN	Yes	3645	2330	1830	N9BDL
WIN/E	Yes	3662	0000	1900	WB9ICH
WIN/L	Yes	3662	0300	2200	W9NGP
NWTN	Yes	34/94	2330	1830	NS9Q
(Rhinelander area)					
RCRA	No	01/61	2330	1830	KA9OMC
(Mondays CST) (Menomonie Area)					
Gr. Bay	No	72/12	0145	2045	WB9NRK
(Green Bay Area)					
ARES	No	4.65/5.25	0100	2000	
(South East/South Central Wisconsin)					
RACES	No	3993.5	1300	0800	WA9OAY
(LSB Sunday)					

442.5, Menomonie 443.75, Sheboygan 147.255 and Baraboo 145.31. If you have a repeater frequency pair not in use please inform our Frequency Coordinator, WB0WOT, if you can relinquish them for reallocation.

Sorry to report Silent Keys K9CFA of West Bend and KB9FJQ of Rhinelander.

Thought for the month: *Why is it that a little knowledge is a dangerous thing when what you don't know won't hurt you?* □

PA6JAM, Scouting Nederland - Netherlands
5Z4KSA, Kenya Scouts Association
VK1BP, Scout Association of Australia

WHO

Cub Scouts, Boy Scouts, Explorers, Girl Scouts, Scouters, former Scouts and Scouters, Amateur Radio operators; in fact anyone interested in doing a Good Turn for Scouting and amateur radio can be involved in Jamboree-on-the-Air.

WHEN

JOTA is from Saturday, October 16, 1993, at 0001 hours local time, to Sunday, October 17, at 2359 hours local time, though some activity flops over from Friday to Monday to take advantage of long distance (DX) time differences. It is always scheduled the third full weekend in October.

WHERE

Calling frequencies are:

CW - 3,590; 7,030; 14,070; 18,080; 21,140; 24,910; 28,190.

SSB - 3,740; 3,940; 7,090; 14,290; 18,140; 21,360; 24,960; 28,990.

Please move off these calling frequencies when contact is established to avoid man-made noise (QRM).

In the U.S. only, we will use phone on 28,350 to talk to Novices.

Scherschel Camera Shop

EVERYTHING PHOTOGRAPHIC



129 Fourth Street
Baraboo, WI 53913

(608) 356-9165

Emergency Coordination

By Richard R. Regent, K9GDF

Wisconsin ARRL Section Manager

5003 South 26th Street, Milwaukee, WI 53221

Stan Kaplan, WB9RQR, is driving in his car on Port Washington Road in Mequon when he sees a new building being constructed. The big sign on the construction site says the building, now just a steel framed structure, will be Mequon St. Mary's Hospital. A thought comes to Stan, "What if we had a major disaster after Mequon St. Mary's is operational? Surely some of our OZARES would need to be assigned there." OZARES is the Ozaukee County AR-ES/RACES group (and the name of their newsletter of which Stan is Editor).

Stan thinks in terms of his extensive amateur radio experience and skill at being the ARRL Emergency Coordinator for Ozaukee county for three years.

An idea comes quickly: Now is a good time to put in a coax drop from the roof to the emergency room, while the structure is just beginning to take shape. Later on, antennas could be added to the roof and then 2-meter or 440 MHz equipment could be set up in the emergency room when needed. Later, Stan gets the idea to the Emergency Government Director.

In August, a meeting is held with hospital officials, Ozaukee county emergency government representatives, and Stan to make some plans to consider pre-installation of cable. During the meeting, hospital staffers mention that their drills and exercises have communications problems because of logistics, mostly within the hospital building. Although the details are not worked out, Stan knows that the OZARES team of trained communicators undoubtedly can solve some of those problems.

It is September, and the hospital has brick outer walls and construction is to be completed by January, 1994. In a way, Stan and his Assistant ECs, N9LLT and WB9LNL, have helped to lay the foundation of the hospital and to pave the road to the Mequon community with OZARES communications. □

REPORTS

No reports in the form of logs are necessary. This is not a contest. Exchanges should be relaxed and relate to Scouting and Amateur Radio as much as possible. Brief reports, however, are appreciated, giving Scouting unit number, council, amateur calls used and heard/worked, numbers of participants, interesting incidents and exchanges, etc. Photos with captions are especially welcome for the BSA report to the World Bureau. Send them to: JOTA Coordinator, International Division, S221, Boy Scouts of America, 1325 West Walnut Hill Lane, P.O. Box 152079, Irving, TX 75015-2079, as soon as possible after the event.

NOTE: Stories/photos are also encouraged for *Badger State Smoke Signals*.

HOW

Scouts, if you need help, contact an Amateur Radio operator or club.

Radio amateurs, invite Scouts/Scouting units to your shack. If you do not know any, contact your local BSA council service center for the name of a Scouting unit leader in your area. Or, you or your

Please turn to page 7

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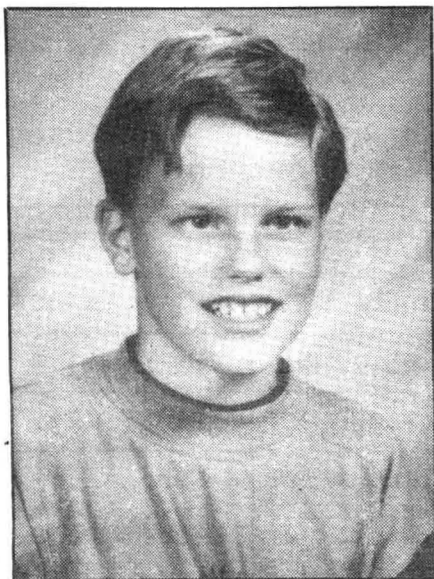


HERE and THERE

Eau Claire Sixth-Grader, Radio Amateur, Named All-American Scholar

The United States Achievement Academy announced recently that Seth T. King, N9LHX, of Menomonie, has been named an All-American Scholar.

The USAA has established the All-American Scholar Award in order to offer deserved recognition to superior students who excel in the Academic disciplines. The All-American Scholars must earn a 3.3 or better grade point average.



Seth T. King, N9LHX

Seth's GPA is 4.0, and he ranks first in a class of 455 students. Scholars selected by a middle school instructor, counselor, or other qualified sponsor are accepted. These scholars are also eligible for other awards given by the USAA.

Seth, who attends South Middle School, Eau Claire, was nominated for this award by Mr. William Blanton, sixth grade teacher. Seth's name will appear in the All-American Scholar Directory, which is published nationally.

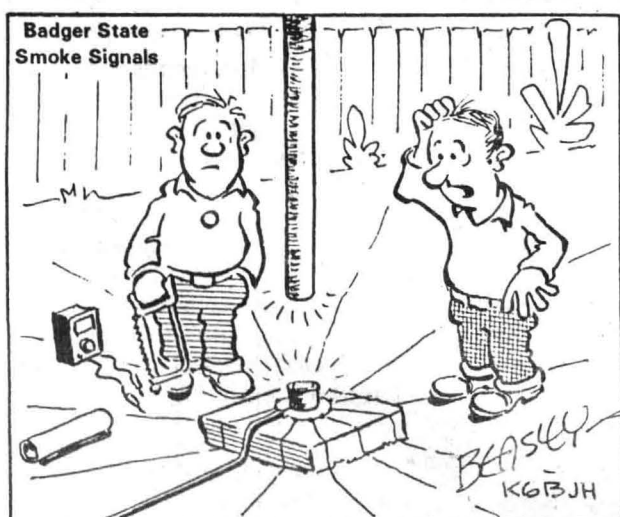
"Recognizing and supporting our youth is more important than ever before in American history. Certainly, winners of the All-American Scholar Awards should be congratulated and appreciated for their dedication to excellence and achievement," said Dr. George Stevens, Executive Director of the United States Achievement Academy.

Seth is the son of Thomas (WF9I) and Debra King (N9GLG). An all-ham family, the Kings' other son, Adam, is N9JRC.

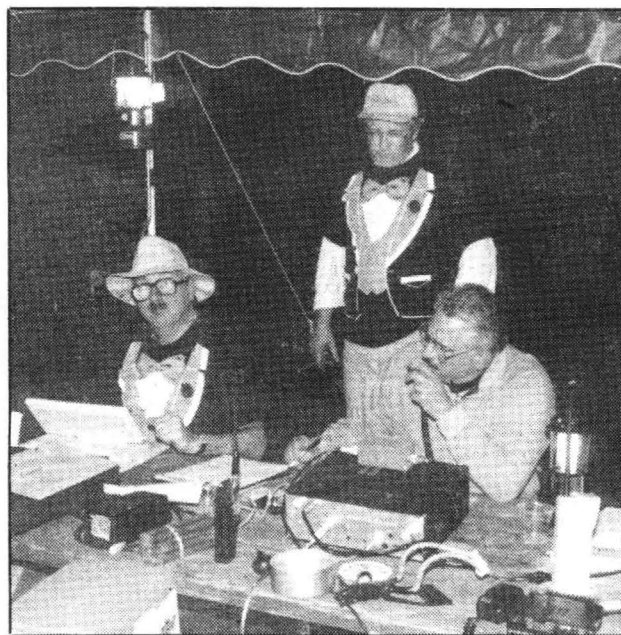
(Editor's note: We accidentally moved the King family back to Menomonie when we published this story last month. We apologize for the error. Thanks to Tom King, WF9I, for calling our attention to the mistake.)

Articles, Stories, Needed!

Radio amateurs all over are doing interesting things that *Badger State Smoke Signals* would enjoy reading about. Innovative antennas... DX visitors to club meetings (grab a photo!)... your imagination is the only limit. You even get your name in print! Send your article to Jim Romelfanger, K9ZZ, Editor, 412 1/2 Ash Street, Baraboo, WI 53913. Thanks!



It Looked Like Field Day, it Seemed Like Field Day, but....



The weekend of August 7th and 8th saw the celebration of the third annual "Picnic Ham" at Menomonee Park in Waukesha County, sponsored by the Milwaukee/Waukesha County Amateur Radio Emergency Service. A special event station, W9WK, operated throughout the weekend and made over 300 contacts. Here, Bill Howe, KA9WRL, is operating while Tom Murtaugh, W9VBO logs and Jim Boos, AA9CP, provides expert supervision. A story and another photo are on page 8 of this issue.

- Photo and info from John Leekley/WB9SMM

FCC Call Sign Update

The following is a list of the FCC's most recently issued call signs as of September 1.

DISTRICT	GROUP A Extra	GROUP B Advanced	GROUP C Tech/Gen	GROUP D Novice
0	AA0OR	KG0HW	N0YJG	KB0LLM
1	AA1HG	KD1QU	N1QBM	KB1BDK
2	AA2PI	KF2QV	N2WEQ	KB2QOE
3	AA3FS	KE3JR	N3QAO	KB3AYE
4	AD4JB	KR4BL	++	KE4FBE
5	AB5PD	KJ5PJ	++	KC5CNE
6	AB6VY	KN6QI	++	KE6AOT
7	AA7YG	KI7QS	++	KB7YBV
8	AA8MD	KG8DQ	++	KB8PKS
9	AA9ID	KF9RF	N9URQ	KB9IUZ
Hawaii	++	AH6NC	WH6OQ	WH6CQV
Alaska	++	AL7PF	WL7MO	WL7CHF
Virgin Is.	WP2B	KP2CC	NP2GQ	WP2AHU
P.R.	++	KP4VQ	++	WP4MJF

++ All call signs in this group have been issued in this area.

- ARRL Bulletin ARLB098, 9/16/93

A First for Racine

The first Racine Hamfest, held on August 14th, was a great success.

We are greeted and welcomed, at the South Hills Country Club parking lot entrance, by several Racine Megacycle Club members who are helping give directions. The Hamfest location, near East Frontage Road next to the I-94 freeway, is easy to find from the map on the Hamfest announcement. Other motorists are still inching their last few feet in the fog to the area or getting directions on the

Silent Keys

MARION D. HEINZE ("MAR"), K9CFA, of West Bend, died on August 26, 1993 in a Milwaukee hospital at age 72. He served 20 years in the U.S. Army and U.S. Army Reserve, serving during World War II, Korea, and Vietnam. He also was purchasing agent for 17 years for Wesbar Mfg. in West Bend.

Mar was a member of the Disabled American Veterans, Blinded Veterans of America, the American Radio Relay League, and the Washington County Amateur Radio Club.

- Submitted by Michael Boileau/N9NBN

JIM WELSH, W9OT, of Monroe, died September 15, 1993.

- Submitted by Les Peterson/W9YCV

147.27 talk-in. Some early folks are already selling used ham gear out of their cars.

The Racine Megacycle Club is an older, more established club, as you can tell by the name, but its 50 members are full of energy and ambition. Fifteen of them arrived about 5:00 a.m. Good thing they were early, the main room still needed cleaning from a late golf outing dinner for 450 guests held the night before. They quickly pitched in to help two Country Club workers clean and set up tables. Vendors would be arriving for set up in just an hour.

Cheryl, WS9P, said there were about 50 tables upstairs. "We thought there would be rows of 8 tables each but found that only 6 would fit in a row." The view out the big windows of the room, is beautiful: a pond with water geyser, willow trees and well kept golf courses. Dave, AA9HL, Racine Megacycle Club Treasurer, reminds us, over the public address system, that there were 18 more tables downstairs with other vendors. At about 8:00 a.m., visitors begin coming past our League booth, the table was provided free, courtesy of the Club.

Who came the farthest to the be at the Hamfest? It's probably NK9Y's friend KH6P, Dan, from the state of Hawaii. Dan says they just don't have Hamfests out there, but they do hold annual auctions and picnics. Their Hawaiian ARC only has about 25 hams at the big dinner.

Southeast QCWA Chapter 162 is represented, at a booth, with a variety of information and helpful members.

Ed, KE9JJ, says, "I still have the first money I ever got, too. It's 50 cents beautifully framed and mounted in purple velvet, my first communion money." He was trying to tell me something?

Gary, W9XT, mentioned he will have an article entitled "The Contest Card" about a voice record and playback system he designed, in September *QST*, on pages 31 and 32. He is also working on more articles for *QST* and *QEX*.

Gary's friend Jerry, WA9O/M of Milwaukee, has been awarded mobile VUCC on three bands, mostly USB with some CW; qualifying with 100 grids on 2 meters, 50 on 432 MHz and 25 on

Please turn to page 7

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Send this form, with your check or money order, to Jim Decker, WB9UQT, Treasurer, P.O. Box 337, Baraboo, WI 53913. Please do not send cash!

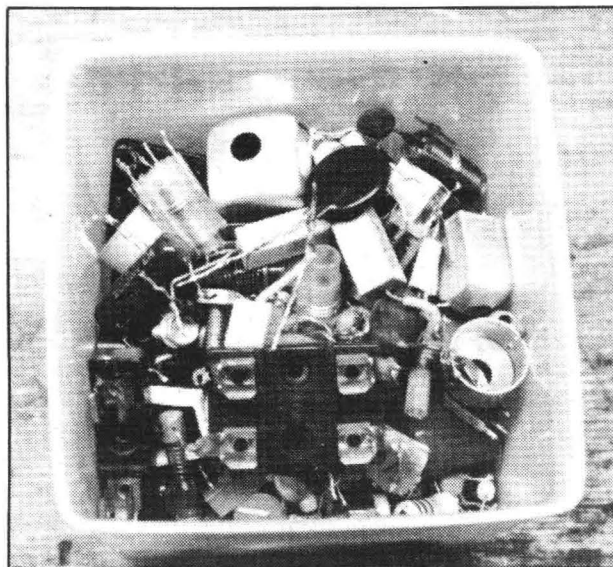
Born Again Junkbox

By John W. Frank, WB9TQG
P.O. Box 5113, Madison, WI 53705

My wife, LaVonne (AC9J) and I were bouncing down the street in my truck when I spotted it out of the corner of my eye. There it was, like manna from heaven: a derelict color TV lying next to the sidewalk. I stopped to take a closer look. "Go ahead," a voice said to me. I looked around and saw a man standing nearby. "Is it yours?", I asked. "No," he replied, "someone dumped it there last night." Without hesitation, I loaded the TV carcass into the truck.

After carefully removing parts from the printed circuit boards, my junkbox was restocked with a good variety of components.

Even though my junkbox has been replenished, I will face a minor dilemma next winter. What should I build? Thirty years ago, I was scrounging parts out of old (tube-type) TVs to build audio amps and simple receivers. This time around, maybe I can gather enough parts to build a 30-meter QRP rig.



It just dawned on me that the hams of decades ago were ahead of their time in one major respect. Back then, we called it scrounging and homebrewing. Nowadays, ecologically-minded people call it recycling.

73,

John

MAN, OH MANNA! PARTS AND MORE PARTS! This photo by John Frank, WB9TQG, shows the final tally of recyclable components from an old color TV set. Here's what John found:

5 fuse holders
9 coil shields
30 ferrite beads
20 slug-tuned coils
7 wirewound resistors
16 flameproof resistors
67 ceramic capacitors
7 fuses
25 RF chokes
3 field effect transistors
23 diodes
1 color burst crystal
6 trimpots
12 small electrolytic capacitors
21 small transistors
13 power transistors
1 speaker
41 plastic capacitors
1 UHF tuner
and 128 assorted screws.

The Computer Corner

By Stan Kaplan, WB9RQR
11541 North Laguna Drive
Mequon, WI 53092-3119

For this, the fourth in the series, let's consider some information that might be handy when shopping at swapfests. You need to know about floppy disk formats when buying them. You might also want to know about formats when buying a used drive, or even a used computer, at a swapfest.

How many different formats exist? Are any obsolete? Well, here is a simple table that will answer those questions, and quite a few you did not even ask! You might want to bring this table along with you during shopping sprees.

* Tracks and cylinders are sometimes used interchangeably, but this is incorrect. A cylinder is all the tracks under the heads of a drive at one time. Since modern floppies are double sided, a single floppy cylinder consist of two tracks. Actually, these two tracks are slightly offset from each other.

** Clusters are now termed "allocation units"; these are the smallest unit of a disk that can be allocated to a file when DOS writes the file.

ABBREVIATIONS: Fe=iron Co=cobalt Ba=barium ?=unable to find the data SS=single sided DS=double sided SD=single density DD=double density ED=extra-high density Hor-

DISK SIZE (inches)	"OBSOLETE"			FORMATS IN USE NOW				
	5¼	5¼	5¼	5¼	5¼	3½	3½	3½
DISK CAPACITY (K)	160	180	320	360	1200	720	1440	2880
Media descriptor byte	FEh	FCh	FFh	FDh	F9h	F9h	F0h	F0h
Sides (heads on drive)	1	1	2	2	2	2	2	2
*Tracks per side	40	40	40	40	80	80	80	80
Sectors per track	8	9	8	9	15	9	18	36
Bytes per sector	512	512	512	512	512	512	512	512
Sectors per **cluster	1	1	2	2	1	2	1	2
FAT length (sectors)	1	2	1	2	7	3	9	9
Number of FATs	2	2	2	2	2	2	2	2
Root directory length	4	4	7	7	14	7	14	15
Maximum root entries	64	64	112	112	224	112	224	240
Total sectors per disk	320	360	640	720	2400	1440	2880	5760
Total available sectors	313	351	630	708	2371	1426	2847	5726
Total available clusters	313	351	315	354	2371	713	2847	2863
Tracks per inch	48	48	48	48	96	135	135	135
Bits per inch	?	?	?	5876	9646	8717	17434	34868
Media	Fe	Fe	Fe	Fe	Co	Co	Co	Ba
Coercivity (Oersteds)	300	300	300	300	600	600	720	750
Thickness (microns)	100	100	100	100	50	70	40	100
Recording polarity	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Horiz	Vert
Abbreviated nickname	SSSD	SSSD	DSDD	DSDD	DSHD	DSDD	DSHD	DSDD

iz=horizontal Vert=vertical.

Notice that the new 2.88 megabyte floppies are also listed. Though you will not be likely to find them in old machines at a swapfest, they are listed here for completeness. Notice also that disk thickness varies somewhat, as well as the sensitivity of the medium (coercivity).

Remember, don't drill the second hole in a 720k disk and expect it to be a perfect replacement for the more expensive 1.44M variety. You will be

courting disaster with the data you write to that disk.

'Til next time.

73, Stan

Reprinted, by permission, from the ORC Newsletter, Ozaukee Radio Club, PO Box 13, Port Washington, Wisconsin 53074 (Ron Yokes, W9BCK, Editor).

Milwaukee Heath Users Group

When I first heard about the Milwaukee Heath Users Group, MHUG for short, I thought of the old Heathkit days. Although this group kept their old name, the members use a variety of state of the art computers and sponsor the well known MHUG Bulletin Board System. The BBS can be reached by dialing (414) 548-9866.

The group meets the third Saturdays of each month at 1:00 p.m. in the large kitchen room of Divine Shepherd Lutheran Church, 9741 West Beloit Road, in Milwaukee. Arriving early, I find that there is already plenty of conversation about computers, and it wasn't long before I recognized that many of the folks here are amateurs. A clipboard with sign-in sheet is being passed around and I see the calls of K9AWC, WB9WRW, WB9DRO,

K9GNJ, W9YCV, KC9BY as I signed in. The group has nearly 40 members, many of whom are hams.

Recent programs included discussions on Word Perfect 6.0, Microsoft 6.0 and 14.4k fax/modems. Today's program is summary reviews of many new programs, LAP LINK software and CD ROM drives.

There are many questions about CD ROMs. One general question asks about a proposal for five cents per minute calls to next area exchanges on a state-wide basis; those knowledgeable at the meeting said it would be highly unlikely to be approved. An announcement was made that modems reaching speeds of 28.8k and software programmable modems might be available by the summer of 1994.

Visiting at a MHUG meeting is a pleasant way to get information about computers and also meet

some nice people. If you would like to know how fast is fast for a CD rom or how to shop for hardware, this is the group that can help. Give them a BBS call or visit them at their next meeting.

- Rich Regent, K9GDF

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36th Annual Jamboree-on-the-Air

Continued from page 4

radio club may volunteer to participate in a district or council camporee that weekend.

Call CQ JAMBOREE or respond to such calls. Observe all FCC regulations.

PATCHES/CERTIFICATES

Postcard-size certificates are free and are available to anyone participating in any way. They may be ordered beforehand for presentation during JOTA, or they may be awarded at Scouting or Amateur Radio club meetings later. Send requests to: Jamboree-on-the-Air Certificate Cards, S221, 1325 Walnut Hill Lane, P.O. Box 152079, Irving, TX 75015-2079, with a self-addressed and stamped envelope large enough to hold the cards ordered. All orders must be received by December 31 of the year for which certificates are ordered. For 9-16 cards include 52 cents and a #10 envelope. For 17-24 cards, 75 cents and a 6" x 9" envelope. For 25-32 cards, 98 cents and a 6" x 9" envelope. The scout leaders can send for these.

POCKET PATCHES

Temporary insignia to wear on the right pocket of the Scout uniform or on jackets/vests are available from the above address for \$2.50 each, ppd. Allow 4 weeks delivery on all orders.

ADDITIONAL INFO

If you should have any further questions about this event, contact Gene Santoski, K9UTQ, on the Wisconsin SSB Net (5:30 pm) on 3985 kHz, or via packet: K9UTQ @ W9IHW.WI. Or by phone: (715) 423-6368.

I hope to year you on the air during JOTA.
73, Gene, K9UTQ

ADVERTISING SALES REPRESENTATIVE NEEDED

Badger State Smoke Signals needs an advertising salesperson. A commission is paid, as are certain expenses. If you are interested, please contact Publisher Ken Ebner, K9EN, 822 Wauona Trail, Portage, WI 53901 (608) 742-3560.



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FOR SALE: KLM KT34A 4-element tri-band beam \$240.00. Rohn 25G tower, 50 feet, includes top section and concrete base, \$225.00. Also have additional top section for \$40.00. Bob Willett, K9UML, 1535 N. Calhoun Rd., Brookfield, WI 53005. (414) 786-6230.

FOR SALE: Cheap antennas. Dipole, D40 cut with Hy Q balun for 40/15 meters, \$14.00 (commercial); G5RV cut for 14.175 by KE8OM, \$19.00 (commercial); Western 20/40 trap dipole, 100 ft. coax, \$24.00 (commercial); CB mag mtg. fiberglass, \$4.00; Hustler SF-2 2 meter 3.4 dB gain mobile antenna, \$8.00; Hustler 10 meter 1 KW resonator (2) RM10S, \$5.00 each; Hustler 15 meter 300W resonator RM15, \$7.00; Hustler 10 meter 300W resonator RM10, \$7.00; Hustler MO2, mast broken but workable, \$5.00; Hustler MO4 mast super short, \$7.00; Ant. Spec. glass mtg. 2 meter antenna whip APR151.3, \$18.00 (need to order mtg. kit with glue, sticky pads); Larson trunk lid mtg. with coil whip 2 meters NLA150-TLM, \$18.00. Just drop me a note with a check plus \$2.50 postage for item. Dean Summers, KQ0C, 631 Tenth Court, Onalaska, WI 54650.

Here and There

Continued from page 5

1296 MHz. The VUCC rules state that he must stay within a 50 mile circle of his house, yet he has worked 32 states. He shows me photos of his car with an enormous antenna system, fastened with just four hose clamps.

Mr. crowd appeal, Bob, W0WLN, has his 2-man portable packet station set up on demonstration. It uses inexpensive equipment: a Commodore 64 computer, power supply, \$15 green-screen monitor, \$35 sheet printer, TNC and radio. The wooden shelving unit was homemade. Just outside the building are 3-ten foot masts supporting a homemade J-pole antenna. Bob says, "I used this unit at Phantom Lake Ranch near Mukwonago to show 50 Franksville fifth graders how we use computers and Amateur Radio. They found it fascinating because of the computer. Some of them eventually got their licenses."

KA9OIL is at the stage podium microphone

FCC Denies Petitions for Amateur Radio Restructuring

The FCC has denied a petition by Scott Leyshon, WA2EQF, to eliminate written examinations for amateur operator licenses. At the same time the Commission denied a petition by Vincent Biancomano, WB2EZG, which, although it did not advocate a "no written test" license, did, the FCC said, concur in all other aspects with Leyshon's proposal.

Leyshon's petition, filed April 19, 1993,

continuing to welcome everyone to the first Racine Hamfest, also busy making special announcements (like N9... your lights are on) and reading ticket numbers of door prize winners. He writes the numbers on a chalk board for folks that always ask, "Did they call my number?"

Amateur Radio testing took place in a separate room, and had 16 candidates and 5 examiners with W9JK in charge. Downstairs, besides more sellers, is a colorful display of 15 radio controlled airplanes from the Racine Radio Controlled Model Plane Club. The Hamfest has emergency service displays and lectures.

Sus, KB9OC, reports he has confirmed 339 countries and still needs A5, 5A and XZ. Not being so knowledgeable about DX myself, I ask him which number after the XZ prefix he needs, he says, "Any number, I would be happy to get any XZ!"

The Club's concerns for doing well and getting more buyers than sellers on their first Hamfest slowly vanish, especially after receiving many favorable comments and welcoming 354 attenders.

Great job!

- Rich Regent, K9GDF

argued that current written examinations place a premium on FCC rules over technical content. No comments were received on his petition.

Biancomano's petition, like Leyshon's, was characterized by the FCC as proposing that the Commission state a goal of the amateur service as being either a technical or a non-technical service.

The FCC said that of the 170 questions that appear on examinations for amateur operator licenses, only (their word) 46 concern rules and

Continued on page 8

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(414) 788-3823

FCARC HAMFEST '93

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Name _____

Address _____

City _____

Phone _____

I would like _____ table(s) at \$5.00 each.

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67 ft. long P&H

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For Milwaukee and Waukesha ARES, Picnic Ham is Special Event

By Richard R. Regent, K9GDF
5003 South 26th Street, Milwaukee, WI 53221

Sun and fun combined for the third annual Picnic Ham, a Special Event success. On August 7th and 8th radio amateurs, families and kids headed for Menomonee Park near Lannon in Waukesha County for more than just picnic eats and ants. They were in for some treats as well.

First, a portable local area repeater was conveniently operating on 145.33 MHz to assist those with radios trying to find the campsite. In the meantime, tents, picnic tables, HF rigs and antennas were set up to operate special event station W9WK mostly on 80, 40 and 20 meters CW and phone. As operators began to arrive, they made QSOs and promised to send certificates to all stations contacted for a QSL and a 9- x 11-inch SASE sent to WB9SMM. In fact, shortly after making 300 contacts in the event, cards and envelopes started pouring in with some postmarked the first day of the event.

Besides the on-the-air QSOs, there was an abundance of chatter and laughter among friends and acquaintances to catch up on the Amateur Radio news. Volleyball, softball and frisbee were enjoyed by the energetic.

Picnickers brought their own food, beverages and cooking utensils, and of course some hearty outdoor appetites. T-shirts that looked like tuxedos, with printed on tie, cummerbund and jacket, were loaned to everyone for the dignified supper. Beverages were thoughtfully provided by the Milwaukee/Waukesha ARES folks who sponsored the event, and although the group struggled to prevent leftovers, there were some.

After sundown a few old timers kept pesky flying insects away by telling



FRIDAY NIGHT "DRESS FOR DINNER": In back are, left to right, Bill Howe, KA9WRL, Grafton; Tom Murtaugh, W9VBQ, Shorewood; Frank Kessler, K9SFJ, Milwaukee; and Jim Boos, AA9CP, with second op Andrew (who was not left "home alone." In front is John Leekley, WB9SMM, Menomonie Falls.

- Photo courtesy John Leekley/WB9SMM

memorable stories and singing songs around a roaring campfire. Six amateurs camped overnight Friday or Saturday to appreciate the sound of the crickets and the cool campground breezes. A healthy time was had by everyone and a few stayed over both nights, I'm sure that they too, were happy campers. □

Restructuring Petitions Denied

Continued from page 7

operating procedures, while 124 concern "contemporary technical matters." The Commission said that it did not believe that present examinations place an unjustified premium on the rules.

The FCC said that amateurs have over the years expressed the view that they agree with the current statement of the purposes of Amateur Radio, as found in the FCC rules, and the FCC

agreed.

Biancomano has responded to the FCC, challenging their decision. "The FCC for the second time," Biancomano said, "refused to directly address the bulk of the issues brought out in Mr. Leyshon's petitions (and mine), essentially dismissing them with a one-page statement that contains little in the way of information."

"While it is in the purview of the Commission to accept or deny a given petition," Biancomano said, "it is also the constitutional right of a citizen to petition government and to expect a specific

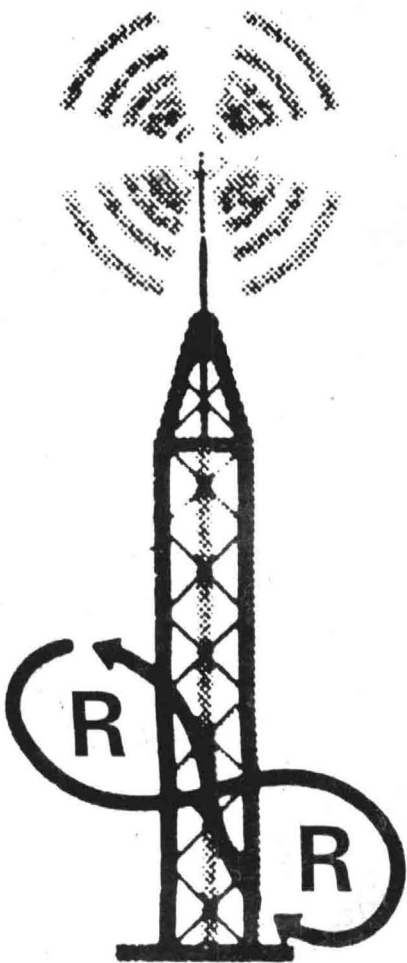
response to specific questions in that petition. The Commission has in fact not provided such a suitable response."

- The ARRL Letter, 9/14/93

ADVERTISING OUR ADVERTISING: If your business sells products or services to radio amateurs, tell them about it here in BSSS! Talk with Ken Ebner, K9EN, 822 Wauona Tr., Portage, WI 53901, (608) 742-3560, or Jim Romelfanger, K9ZZ, 412 1/2 Ash St., Baraboo, WI 53913, (608) 356-4031.

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La Crosse Mayor Proclaims Amateur Radio Weekend

The mayor of La Crosse, Patrick Zielke, today (August 23) proclaimed Saturday and Sunday, October 9 and 10 as Amateur Radio Weekend in La Crosse.

Riverland Amateur Radio Club President, Bob Wilson, accepted the signed proclamation at the Mayor's office.

Among the citations mentioned in the proclamation were La Crosse area hams' participation in public service, emergency, and Skywarn communication.

Also mentioned were Amateur Radio's diversity in people and interests, along with offering opportunities for others to become involved in the service.

On Sunday, October 10, beginning at 10:00 a.m., the Riverland Amateur Radio Club will be offering a demonstration of various elements of ham radio for the public and other ham radio operators. The demonstration will be held at Riverside Park in downtown La Crosse.

Inquiries may be sent to W9LZQ @ AA9-AW.

- Kent Helman, W9LZQ, via packet

ARES Abilities Well-Shown at Governor's Conference



Dane County Emergency Coordinator Jim Stone, K9JVP, stands behind the table in the ARES display double-booth area. There are two fully operational packet stations, one for straightforward packet operation, the other operating ARES DATA from a laptop computer. To the left, an ATV setup is visible, which was showing a picture relayed from WB9SMM's car outside. The camera was focused on the door where people stepped outside to have a smoke. A lot of printed ARES material was available, including locally-generated handouts and material from ARRL Headquarters in Connecticut.

- Photo courtesy John Leekley/WB9SMM

Rich's Surplus

GOOD ALINCO DEALS!

DR-130T 2-meter mobile \$329.00

DJ-580T dual-band HT \$399.95

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ARRL, NARA, Artsci, etc. books, video/audio/computer tapes at a discount.

1993 ARRL "Now You're Talking" for no-code license \$15.00.

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The 15th Annual Fall Kettle Moraine Radio Amateurs 1993 Computer and Ham Radio Swapfest

Sunday, October 10th, 1993

From 8:00 AM to 1:00 PM at the Waukesha County Exposition Center
"...in the Round Building!"

Highways J and FT in Waukesha, Wisconsin

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More door prizes than ever!
Free parking! Amateur exams! Food and refreshments! Great deals!
This year we will be located in the ROUND BUILDING!

EXAMINATIONS COURTESY OUR FRIENDS FROM THE BADGER EXAMINERS!



The KMRA 15th Annual Computer and Ham Radio Swapfest Advanced Registration Form

Please send me tickets for the following:

- ☐ General Admission - \$4.00 each (\$5.00 at the door)
- ☐ 4 foot Table Reservation - \$5.00 each (\$6.00 at the door as available)
- ☐ Electrical Outlet - \$5.00 as available
- ☐ Amateur Radio Exam Information provided at no charge

**PLEASE
INCLUDE
AN S.A.S.E. !**

Name

Street

City, State ZIP

All orders *must* be accompanied by a SASE and mailed to:

KMRA Swapfest
PO Box 411
Waukesha, WI 53187-0411

VENDOR SET-UP AT 6:00 AM

Responses to all correspondence and ticket requests received on or after October 2, 1993 will be held at the door!

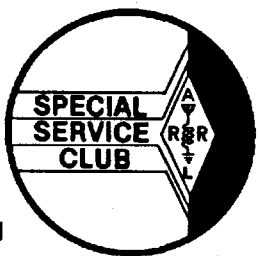
Clubs and Organizations



Riverland Amateur Radio Club

Dick Low, K0JYB,
Secretary

Club mail address: P.O. Box 621
Onalaska, WI 54650



MEETING MINUTES SEPTEMBER 7, 1993

The September meeting of the Riverland Amateur Radio Club was called to order by President Bob, N9LZK, at 7:00 p.m. There were 28 people in attendance including Rick Gillis, N0YCM, from La Crescent, MN, who joined the RARC this evening.

The reading of the minutes of the last meeting was dispensed with pursuant to a motion by Feroz, WU9N.

The treasurer's report was given by Duane, W9HWQ, and accepted as read.

ANNOUNCEMENTS

AMATEUR RADIO WEEKEND: Feroz, WU9N, reported that the ARW is scheduled to be on October 10, 1993 at Riverside Park.

SWAPMEET: In the absence of Judy, N9LGV, Rick, KV9U, reported that basically things went OK, although a number of people did not pay their entry fee. These people were from the RARC.

440 REPEATER: Kent, W9LZQ, informed us that the we are now waiting for money and things are at a standstill at the present time.

FIRST AID KIT FUND RAISER: Dan, N9PZC, reported that 6 kits are remaining out of the original 179. Dan has no plans for ordering any more kits. Dick, K0JYB, sold 41 Kits.

HAT FUND RAISER: Bob, N9LZK, is tracing down the order which was placed for the caps. They should be here at any time.

AMATEUR RADIO WEEKEND: Kent, W9LZQ, is looking for older Amateur Radio equipment as well as some of the newer stuff. See Walt, AA9AW, if you have some any radio gear that could

be displayed or demonstrated. We also need help for the set up. An ARW committee meeting is being held after the RARC meeting this evening.

OLD BUSINESS

None.

NEW BUSINESS

Walt, AA9AW, reported that in July we voted to carry the Sunday evening broadcasts of the News Line. A week ago, Sunday night we had 28 checkins, and there were 22 checkins last Sunday night which was good, considering the Labor Day weekend. There is a possibility that the programs will be terminated due to the lack of funding. Walt made a motion that we contribute \$50 to the group that presents the programs. The motion was seconded and carried.

FAST SCAN TV: Rick, KV9U, led a discussion regarding using Fast Scan ATV for public service and emergency communications. It could be used for parade coverage, etc. A camcorder can be used as the camera for the video source. A transceiver and antenna could be purchased for around \$400. The system would operate in the 400 MHz range, and the voice would be in the 2-meter range. The idea was presented for long range thinking and/or planning.

LINKING: Rick, N0YCM, led a discussion regarding linking of repeaters in the area. He has experienced linking in the Colorado area and has used the link from El Paso, Texas to San Diego California.

Meeting adjourned at 7:32 p.m.

Feroz, WU9N, gave a very informative presentation on Amateur Radio software.

Submitted by Secretary Dick, K0JYB

the entire AEA family of data controllers, including the industry-standard PK-232-MBX, PK-88, and PCB-88, as well as the PK-900, DSP1232 and DSP2232. Support for dual-port controllers makes PC Pakratt for Windows ideal for use with the PK-900 and DSP 2232.

Support for Windows functions (such as cut and paste, background execution, multi-tasking, etc.) make PC Pakratt for Windows extremely simple to operate. An easily customized user interface and

Please turn to page 13

New Products

AEA PC PAKRATT

AEA announces the recent introduction of PC Pakratt for Windows - the first and only data controller program for Microsoft® Windows™ on the market today.

PC Pakratt for Windows is a full-featured Windows application for controlling

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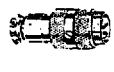
SEE US AT THE FOLLOWING HAMFESTS: SEPT 11 LAPORT, IN
OCTOBER 2ND LOGANSFORD, IN OCTOBER 3RD WEST LIBERTY, IA
OCTOBER 19TH LANSING, MI OCTOBER 17TH KALAMAZOO, MI
OCT 23RD & 24TH MOBILE, AL OCT 24TH STERLING HEIGHTS, MI
OCTOBER 30TH ST. PAUL/MINNEAPOLIS, MN



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Wisconsin Nets Association

WNA MEETING MINUTES JUNE 13, 1993 STEVENS POINT, WI

The meeting was called to order by WB9ICH at 12:02 p.m. Attendance is as follows:

Larry Guthu, WB9ICH, WIN Early Mgr.

Roy Pedersen, K9FHI, Del. WSBN
Jim Caldwell, WB9YPY, Del. BWN
Art Evans, KA9KLZ, BEN Del.
Wayne Schanke, KE9VU, BEN Mgr.
Les Peterson, W9YCV, WIN/E Del.
Hale Blakely, W9CBE, WIN/E
Sherm Carr, W9NGT, Ass't SEM
Lee Andreas, N9BDL, WSSN Mgr.
Doc Roberts, K9BX
Reno Goetsch, W9NA
Erwin Frolich, W9RZW

Minutes were approved as written.

TREASURER'S REPORT JUNE 1, 1993

9/19/92 - 6/1/93

BEGINNING BALANCE, 9/12/92	\$160.41
10/25/92: To BSSS	19.20
	141.21
11/01/92: To Sec. State (Registration)	10.00
	131.21
WA9ZTY: Secretary Expenses	31.34
	99.87
12/15/92: BSSS renewal W9CBE	9.50
	109.37
To BSSS	6.40
	102.97
01/11/93: BSSS renewals AG9G, KA9FVX	19.00
	121.97
To BSSS	12.80
	109.17
02/21/93: BSSS renewals N9FVN 1st time, W9AYK	21.00
	130.17
To BSSS	12.80
	117.37
03/23 K9FHI picnic site reservation	50.00
	67.37
Secretary expenses WA9ZTY:	16.50
	50.87
04/04/93 BSSS renewal KE9VU	9.50
	60.37
Anonymous donor:	10.00
	70.37
To BSSS	6.40
	63.97
05/14/93: BSSS renewal W9UW	9.50
	73.47
To BSSS	6.40
	67.07
ENDING BALANCE, 6/1/93	67.07

Submitted by W9AYK, James Merrell, Treasurer, WNA Ltd. Treasurer's report was approved. (Sec. Note: I was unable to attend this meeting, but thanks to Roy, K9FHI, the meeting was recorded. Although the recorder was great, some people talked so softly that a great amount of discussion was inaudible on the tape. Discussion was held on the WNA Manual, however, the conversation was not picked up on the tape, so I was unable to write it down.)

As much as I can gather, the new manual is done and is ready for editing. Then plans can be made to have it printed. Many thanks to W9YCV, KA9KLZ, and W9CBE! Thank you fellows! Discussion was held as to whether or not we should return to the old meeting ways, which was to meet at different members' homes instead of meeting on the air. This should be accomplished at or by the next meeting. The only report I received was from Lee, N9BDL, on the Wisconsin Slow Speed Net. I will report the totals for 1992/1993. Checkins for 1992, 1238 for 1993, 1201 TFC cleared 1992, 179 for 1993 236 Time, Min. 1992, 2247 for 1993 2280. Many thanks, Lee, for your hard work on this net.

The next meeting will be held at Derge County Park in Beaver Dam. Derge

County Park is part of the Dodge County Park System. Directions are as follows: Coming from the south via 151, turn left on Cty. Hwy. DE south of Beaver Dam approximately 2 miles. Follow the signs for Derge County Park. They will be brown, denoting camping and picnicing. From the north, follow 151 bypass around Beaver Dam. Turn right on DE approximately two miles south of the city. Again, follow the signs. If in the city of Beaver Dam, proceed on Business 151 south, turn right on Cty. Hwy G. Proceed on G and follow the signs. The next meeting at Derge County Park will be September 12, 1993. This will be our picnic. Please bring your food, a dish to pass, and your place settings. Picnic will begin at approximately 12 noon. Charcoal and soft drinks will be provided. Camping is available. Contact Roy, K9FHI, for camping details. The camping rates are very reasonable, there are electric hookups for some of the sites. There is also boating, skiing, and fishing on beautiful Beaver Dam Lake. A boat landing is right there at Derge Park. There are Northern, Walleye, Perch, Bluegills, Bullheads, and many other varieties in the well-stocked lake.

The meeting was adjourned at 1252 p.m.

Respectfully submitted:
WA9ZTY, Rob Hummel,
WNA Secretary

Just a quick note to everyone: These will be the last minutes written by myself, as my secretary term will expire. I have enjoyed the last two years, but am finding it more and more difficult to find the time to write and mail the minutes. In parting, I would like to make a couple of suggestions.

The WNA needs new blood. An effort should be made at recruiting. There are many new hams who do not know that there are many structured activities on HF. I am of course referring to our many phone and CW nets. Many of the new hams are now first exposed to two meters, then perhaps to HF. Traffic nets are among the last, if even ever.

It wasn't like that for most of us older hams; our first exposure was to the net system. We are going to have to start new traffic nets, especially on VHF, to accommodate the new Techs coming on line, and give them the inspiration to upgrade and join us on the HF nets. We must abandon the old ideas of "adopting" a net already established. Furthermore, we must make the nets an attractive place to spend some time. Years ago, I remember many QSOs before net time, and after.

Today, the frequency is quiet. Many of the once-active hams do not care to join us any longer, and this is due to the structure of the net. In many cases, it is 15 to 20 minutes before stations without any traffic can check in. It's not worth it. General check-ins should be taken from the top. A lot of net controls breath can be saved looking for places to deliver traffic when he has an active list to draw from.

Besides the traffic, participation and activity, awards should be provided; yet another incentive for participation. It's a wonder what an offer of a small piece of wallpaper will do.

I issue a final warning. If these things are not done, the WNA will wither and die. Many of the members are getting old, and there are no new members to take their places. The old ways are going to have to be dispensed with, and an active effort must be made.

Sincerely,
Rob Hummel, WA9ZTY

BSSS thanks Don Evenson, K9JYX, Baraboo, for his capable photo advice and help with every issue.

Taylor County Area Amateur Radio Club

Bernard Jari, KA9WDX, Secretary

W3159 Hanley Lane • Medford, WI 54451-9689

MEETING ANNOUNCEMENT

The next regular club meeting will be held on Thursday, October 7, 1993, at 7 p.m. in the Emergency Government meeting room/Red Cross annex to the Taylor County Courthouse, on the corner of 2nd and Ogden Streets in Medford, WI. Talk-in on the 147.750/147.150 (Medford) repeater.

MINUTES OF THE SEPTEMBER 2, 1993 MEETING

The meeting was called to order at 7:28 p.m. by the president, N9GEN. Attending the meeting were: WA9YCT, N9UBR, N9UBQ, N9GHZ, KB9BLV, KE4FE, N9QVX, W9LEE, W9QHI, KD4WPK, KD4VMB, N9GEN, KB9IRP, KB9IQO, and KA9WDX.

The minutes of last month's meeting were read by the Secretary, KA9WDX. The treasurer's report was read by the treasurer, N9QVX. The minutes and treasurer's reports were approved as read.

OLD BUSINESS

The two meter repeater was discussed. WA9YCT and N9GHZ were at the repeater site before the meeting and had checked out the SWR with the following results: Transmitter-Meter-Dummy Load = 10 watts forward and .3 watts reflected, with a 1:1.4:1 SWR; Transmitter-Duplexer-Meter-Antenna = 7 watts forward and 1.6 watts reflected, with a 1:3.1:1 SWR, and Transmitter-Meter-Antenna = 9 watts forward, 2 watts reflected, with a 1:3.1:1 SWR. They couldn't check the SWR through the duplexer-into a dummy load, as they didn't have enough jumper cables, or enough jumper cables with the right type of connectors on the ends of the cables, but it appears as though there isn't anything wrong with the transmitter as it is a 10-watt transmitter and, according to the meter into the dummy load, it is putting out the rated 10 watts.

W9QHI stated that NTC, Wausau Campus, owns the tower and also stated that the building that the repeater is located in is still leaning badly. W9QHI stated that the new building for the repeater was supposed to have arrived in June, but hasn't arrived yet.

N9GHZ stated that the original order for the new transmitter went in on 5/18/93, with 6/1/93 being the date when he ordered the crystal oven module. He also stated that the transmitter hasn't arrived yet, and that he spoke to them two weeks ago, and that they stated that the transmitter would be shipped out in two weeks and that all they had to do was to finish wiring it into the enclosure that it would be housed in. It was suggested by N9GHZ that since it has been quite a while since we ordered the transmitter that someone contact Spectrum to see when we can get the transmitter, and to give them a certain length of time to either deliver it or to send a refund back to us on our order. It appears as though it was agreed to by everyone present and N9GHZ would follow up on that.

KB9BLV made a motion that we check

out the entire 2-meter system, including the antenna, feedline, and the connectors. N9GHZ seconded the motion, and the motion carried.

NEW BUSINESS

N9GHZ gave us a handout regarding the request for Amateur Radio operators that were needed to help provide communications for the "Walk to The Highground" Walkathon, which would be held on Saturday, September 11, 1993.

N9UBQ gave N9GHZ a handout regarding the simulated hazardous material spill "Functional Exercise" that would be held on Wednesday, September 15, 1993. The exercise would start around 8:30 a.m. at Tombstone Pizza. It would then be moved to the sheriff's annex to the courthouse where the EOP or Emergency Operating Plan would be gone over around 9:15 a.m. They planned upon having "victims" of a chemical spill, an emergency vehicle like an ambulance, Taylor County's Emergency Command Post Bus, and possibly a rescue vehicle or emergency vehicle from Eau Claire on hand for the exercise.

N9GHZ made a motion to have dues cover until December 31st of the following year if some one would become a "first-timer" member of the club after July 1st. Example: First-Time member pays dues on July 2, 1993. His membership would be good until December 31, 1994. This has been a "gentleman's agreement" or an "unwritten" policy of the club, but has never been put into a motion before. The motion was seconded by N9GEN, and the motion carried.

The possibility of holding classes and to have a testing session this fall was discussed. The testing date mentioned was October 23, 1993. The classes would be for either Novice to Technician or Technician to General upgrades. N9GHZ stated that he only had one person at this time who was interested. He stated that he could "tutor" this person, but the person is located too far to the west (Stanley) to do so, so the classes and the testing session will be postponed at least until Spring.

N9GEN made a motion to adjourn the meeting, and KB9BLV seconded the motion. The motion carried, and the meeting was adjourned at 8:35 p.m.

Respectfully submitted:
Bernard L. Jari, KA9WDX
1993 Secretary TCAARC

KEY TO CALLSIGNS USED IN MEETING MINUTES

Call Sign, Name, and Community

WA9YCT, Cliff Steevens	Medford
N9UBR, Lester Laub	Medford
N9UBQ, Roland Sacho	Medford
N9GHZ, Mike Schoenfuss	Abbotsford
KB9BLV, Bob Braun	Dorchester
KE4FE, Gary Day	Rib Lake
N9QVX, Joanne Lundgren	Sheldon
W9LEE, Rolland Walty	Westboro
W9QHI, Ray Bohnert	Medford
KD4WPK, Rose Engel	Medford
KD4VMB, Russ Engel	Medford
N9GEN, Tom Hrdina	Gad
KB9IRP, Aaron Williams	Medford
KB9IQO, Larry Williams	Medford
KA9WDX, Bernard Jari	Medford

N.Y. Marathon Runner to Call Hams During Race as Fund Raiser for Kids with Cancer

When the gun goes off for this year's New York City Marathon on November 14, there will be one runner who is racing for a different goal. Fred Doob, AA8FQ, will cross the starting line and, in the 26.2 miles that ensue through five boroughs, he hopes to talk with as many hams as possible. For every contact he makes along the route, Icom America will contribute \$5 to the Memorial Sloan-Kettering Cancer Center (MSKCC). Special commemorative QSL cards are being created for this event, and will be mailed to all who respond to

the challenge. Fred has a volunteer backup to log the calls.

To make it work, Fred will be using an Icom IC-W21AT handie-talkie. Having run in a considerable number of marathons, Fred says he expects that huffing and puffing will be minimal in the TX mode. "Anyone who's in reasonable shape can talk while running without breaking stride," said Doob. "The key is the equipment. It has to be lightweight, easy to use

Please turn to page 13

Racine Megacycle Club

Arne Moxness, KA9ZPY, Secretary

3345 Newman Road • Racine, WI 53406

RACINE MEGACYCLE CLUB MEETING, SEPTEMBER 13, 1993

The meeting was called to order at 7:37 p.m. by our newly elected president, Gary, N9MGH. The August meeting minutes as presented in the *Badger State Smoke Signal* were approved. All members, about 25, introduced themselves. Our new vice president, Paul, N9RGW, took his place at the head table.

Treasurer Dave, AA9HL, gave the financial report. The profit from the Hamfest, some \$700.00, gave the club treasury a healthy boost. The new balance is \$1172.75.

President Gary, N9MGH, thanked everyone who helped out at the Hamfest. Two of the many who helped out were recognized due to their special efforts: Lloyd, WB9RGO, and Dave, AA9HL.

Dave, AA9HL, discussed the colorful calendar given out by the Racine Megacycle Club. The 1994 Racine Hamfest will take place July 31, 1994. You may want to circle that important date.

Dan, KA9OIL, brought up the need for more advertising time for next year in the various publications available.

President Gary, N9MGH, had the several Hamfest assistants walk up to him and each received a certificate as a token of appreciation.

OLD BUSINESS

Bill, W9OVZ, again brought up the difficulty in receiving the requested filled out forms for the Ham of the Month. Please do your best and fill them out per Bill's request. He is certainly doing a nice job writing the story.

Larry, WA9JMO, gave a report on the QCWA picnic, which took place on their property last month. Besides the QCWA members, several from Racine Megacycle Club also attended. Larry was given a round of applause as a token for their hospitality.

Dan, KA9OIL, gave a report on the Fox Hunts. There will be three more this year, October, November, and December. At the Walk Up Fox Hunt, the winners were: Rick, N9CXA; John, N9JYJ; Dennis, WB9SVM; and Dave, W9DLZ.

NEW BUSINESS

Dave, WB9USI, talked about a proposal on combining the next year's Field Day with the Emergency Government Disaster Exercise.

Larry, WA9JMO, gave a report on a letter he received from the Irkutsk Radio

HAM CALENDAR Courtesy Racine Megacycle Club

Oct	2	.....	Testing at Red Cross
Oct	4	.....	Packet Group
Oct	10	.....	Hamfest at Waukesha
Oct	11	.....	Megacycle Meeting
Oct	15	.....	Fox Hunt
Oct	26	.....	Lakeshore Club

Nov	1	.....	Packet Group
Nov	6	.....	Hamfest at Milwaukee
Nov	6	.....	Testing at Red Cross
Nov	7	.....	Hamfest at Kaukauna
Nov	8	.....	Megacycle Meeting
Nov	12	.....	Fox Hunt
Nov	27	.....	Fox Hunt

Dec	4	.....	Testing at Red Cross
Dec	6	Packet Group
Dec	10	Fox Hunt
Dec	13	Megacycle Meeting

Jan	9	Hamfest at Waukesha
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Feb	22	Hamfest at Eau Claire
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Apr	10	Hamfest at Madison
-----	----	-------	--------------------

Jul	31	Hamfest at Racine
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Club in Russia. They offer help with tours around Lake Baikal and license for operating radios from there. All you need to do is to get there. Please see Larry, WA9JMO, for details.

Dave, WB9USI, gave a report on the next year's Racine Hamfest. It will take place at the same location at South Hills Country Club, but with some changes. The commercial dealers will be upstairs and the rest as there is room left, upstairs, downstairs, and outside. The cost for the tables will increase. Some of the profits from this year will be used for advertising for next year's Hamfest.

Lloyd, WB9RGO, gave a report on the ARES rules when using the new green caps and logos. They are approved by the Police Department and will make it easier to pass through police lines when required.

Dave, WB9USI, gave out the leftover items from the Hamfest which were never claimed by the winners.

The meeting was over about 9:30 p.m.

Gene, WB9CKY, stood for the evening's interesting program on lightning, which was on video.

After the meeting, many left for Reflections and coffee.

Respectfully reported:
Arne, KA9ZPY, Club Secretary

Racine Megacycle Club Profiles

By Bill Komistra, W9OVZ, 5101 Graceland Blvd., Racine, WI 53406

Lawrence R. McCalvy, WA9JMO

"From the Halls of Montezuma, to the shores of Tropolli." The Marine Corps was authorized by the Continental Congress in 1775, and consisted of two battalions of Marines. Since then, it has grown to approximately 195,000 men and about 2300 women (1970). It consists of many forces, including ground, air, and supply services. The Corps has also participated in all the major wars and altercations that the United States has been involved in.

My brush with the Marine Corps was during the February and March of 1945 invasion of Iwo Jima, about 800 miles south of Japan, and had the fortune (good, bad?) of being in the area and seeing the Marines in action. The battle was brutal and fierce, with both sides sustaining heavy losses. The rest is history.

Larry's opening comments: "I have found Amateur Radio to be one of the last, if not the only, classless entity remaining in our society. Discrimination and preju-

dices often associated with economical, social, racial and/or culturally different people from ourselves do not (almost never) seem to have any bearing on relationships - formal, informal, or just acquaintances - between individuals holding ham licenses."

He first entered upon Terra Firma on September 6, 1938.

He was first licensed as a General class ham on October 28, 1963.

WA9JMO's equipment consists of an IC-765 and a Yaesu FT-101B on HF, and an IC-3200A mobile and several HTs for two meters. The antenna is a Cushcraft AV-5 vertical for HF.

Larry primarily operates phone.

The awards Larry has received are: Two for the ham radio publication *The Hamateur*, third place in 1977 and second place in 1978 for its classification. "I was

Please turn to page 13



WB9QFW 2-Meter Repeater 146.07-.67 and Club Station

P. O. Box 847 • Plover, WI 54467

MEETING MINUTES
SEPTEMBER 8, 1993

The new repeater is finished and should be ready to ship by the start of next week. Ron Howe, NJ9H, will be in charge of receiving the shipment and putting it into service. He will arrange with the treasurer for a money order for the purchase.

The autopatch on the existing 146.67 repeater has been "hit or miss" lately, although thankfully enough the repeater itself has been working fairly well. It hasn't been quite the same since it was hit by lightning and repaired.

As for the enhanced repeater fund, we are almost halfway to our goal. There is enough in there now to add an RS-232 board, so that will be the first of the options we will get. As the fund grows, we can get additional plug-in boards to increase the repeater's capabilities. Al Mallek, K9WVM, is coordinating the repeater fund.

Mike Pagel, KA9LAQ, is now almost a resident of Waupaca County, and brought a report from a recent meeting of the Waupaca/Waushara County amateur radio group. We have in the past had closer contact with this group, and it could be fun to get back together again. In that

spirit, we will look for opportunities to share activities. For example, the summer fox hunt, Field Day, and the winter banquet.

Joe Larson, N9JW, and Frank Guth, W9BCC, will be running Novice/Technician classes again this year, starting September 29 at 7:30 p.m. in room A109 of the UWSP Science Building. Classes run for ten weeks, and exams will be the first Saturday in December.

And for those of the more northern persuasion, Tony, WB9LAI, will be running classes in Wausau starting September 22 at Wausau East High School. Call Tony for details.

Then, for the real excitement of the evening, we held our annual elections. This year, we appointed a nominating committee to search out willing suckers.... I mean eager volunteers.... to run for the various offices. They did a fine job and helped the elections run much more smoothly than in the past. Thanks go to Mike, KA9LAQ, Bob Baird, W9NN, and Mary Eiden, KA9FAS, for a fine slate of candidates.

Should this secretary reveal who were the losers for each of the offices? Not on your life, because then it would become obvious which of us won by "monogamous vote" simply because nobody else wanted

the position. In that light, here are the CWRA officers for the next year:

President: Art Wysocki, N9BCA
Vice President: Deb Kroll, N9EIL
Secretary: Joe Larson, N9JW
Treasurer: Scott Jasper, NE9U
Activities Manager: Loren Larson, N9SEA

Equipment Manager: Ron Howe, NJ9H

Congratulations and thanks to everyone who agreed to be considered for office. And those of us who were unopposed thank you for your continued support.

President N9BCA announced that this next year would be dedicated to safety. Each meeting will have something to say about safety, be it involved with electricity or not. He related a personal story about a tragedy caused by old extension cords improperly used, and exhorted us all to go home and check out every extension cord in the house.

Doc Rifleman, WA9N, told us about his recent mishap on a crank-up tower that didn't stay cranked up. Lessons learned were:

1) Do not climb on a crank-up tower; don't put your feet into the rungs. Use a ladder!

2) Always use a safety belt, even if you aren't that high off the ground.

3) The Stevens Point 911 responders can make it 9 miles through town and traffic in less than 9 minutes if the driver is the son of the person in trouble. Note: Do NOT rely on this in all cases!

Doc also mentioned that in his days working at the hospital emergency room, quite often he would see experienced farmers, carpenters, etc., who "just this once" didn't follow the simple safety rules

they knew quite well.

After we adjourned the official meeting we watched a short video on the NASA Select mission to fix and maintain the Hubble Space Telescope, scheduled for December 1993. Thanks to Paul Nelles, K9DB, for getting this for us.

ATTENDANCE

Joe Larson	N9JW
Gordon Miller	KE9IA
Paul Nelles	K9DB
Dick Hoppe	N9SQW
Bob Baird	W9NN
Doc Rifleman	WA9N
Erwin Froehlich	W9RZW
John Feltz	WA9LWJ
Mike Pagel	KA9LAQ
Mike Eiden	WD9JID
Mary Eiden	KA9FAS
Leo Liebl	W9NYS
Deb Kroll	N9EIL
Gene Kroll	KE9MA
Adam Slusarski	
Ken Slusarski	N9SDW
John Kalina	KA9DJA
David Tamres	KB9IIF
Loren Larson	N9SEA
David Golla	N9OVT
Ray Dix	KF9BG
Adriana Sara Rose Dix	KB9DUR
Lori Jasper	KA9ZGD
Arielle Jasper	
Alex Jasper	
Scott Jasper	NE9U
Brian Feltz	WB9E
Jackie Kezeske	
Ron Howe	NJ9H
Joe Omerik	N9CGV
Frank Guth	W9BCC
Art Wysocki	N9BCA

Respectfully submitted:

Joe Larson N9JW

CWRA Secretary

Mancorad Radio Club

John Meyer, NZ9Z, Secretary

P.O. Box 204 • Manitowoc, WI
54221-0204

MEETING MINUTES
SEPTEMBER 8, 1993

The September meeting of the ManCoRad Club was called to order at 7:33 p.m. by club president Chuck, N9KGL. The Treasurer's report was approved as read. As there were no formal meetings during the summer, there were no minutes to approve.

OLD BUSINESS

President Chuck stated that the accident claim has been settled.

There was a hearty round of applause for Carl, KA9ZTF. Carl organized a club tour through the Point Beach Nuclear Power Plant in July, and then presided over a genuine trout boil in August. More than 30 people partook of the excellent food at the fish boil. Great job, Carl!

John, NZ9Z, gave a report on news about our sister club at St. Joe's College

in Sri Lanka. The set of tubes that our club had purchased for the students' Drake B-Line appears to have been "lost" in the mail -- almost \$200 worth of tubes. However, Antique Electronic Supply has agreed to send a replacement set via a more secure route at no additional charge! Most generous of them! Seven students have gotten their 4S7 calls, and twenty more are studying for the next exam session. The alumni group in Great Britain is outfitting the electronics lab, and eventually plan to set up a satellite communications system there. A Cushcraft A4 is being sent from Great Britain along with the replacement tubes. Soon, the club station, 4S7PI, should be on the air. Further, ManCoRad has sent 55 lbs of old QST's, dating between 1980 and 1990, via surface mail for the club library.

President Chuck reported on a "Thank you" from the Leukemia Society of Wisconsin for the club's help with communications during the Manitowoc

County leg of the Milwaukee to Sturgeon Bay fund-raising bike ride.

Your secretary showed the members present the ARRL Special Service Club Certificate that ManCoRad has just received.

NEW BUSINESS

Chuck noted that there has been a problem with someone misusing 911 on the autopatch. As a result, access to this number has been removed from the autopatch, as well as the macros for the local police, sheriff and Coast Guard. The macros may be reactivated once the band openings cease. Members were advised of the new interpretation of the rules on business communications by the FCC. For more details, see the September 1993 QST. Members were also reminded to limit autopatch usage, as County Emergency Government is picking up the phone bill.

Ken, K9HAG, made a motion to renew the hamfest ad in the *Smoke Signals* for another year. It was seconded by Carl and passed unanimously.

Red, N9GHE, reported that the electronics class teacher at Lincoln High School has asked that a talk and demonstration of Amateur Radio be made before his classes. The help of retired hams and others free during class hours was requested. The school apparently still has the old

Collins rigs used there years ago.

Yogi, WN9Q, gave a report on Field Day activities. While there were good turnouts for setup and takedown at the site, actual operators were a bit scarce. The digital demonstrations, packet and RTTY went over well, but little Field Day activity was found on either mode. A score will not be turned in to the ARRL this year as the totals were not that high.

ELECTION OF OFFICERS WILL TAKE PLACE AT THE OCTOBER MEETING -- Steve, N9PBL, and Mark, N9JZZ, volunteered to serve as the nominating committee.

Red volunteered to start things rolling for the Midwinter Party -- to be held at the Cedar Ridge Restaurant in Maribel in mid-January.

David, KB9CRO, looked for ideas on how his junior high classes might contact a tall ship along the Atlantic coast. Unfortunately, unless a ham operator sails with the school ship, or the captain or another crew member gets a ham license, there will be no easy way for the contact to be made, as cross band contact with the marine band is not allowed.

Red made a motion to adjourn, seconded by Ken. The meeting adjourned at 8:33 p.m.

Submitted for approval,
John Meyer, NZ9Z, Secretary

Sheboygan County
Amateur Radio Club

Gregg Meschler, N9PZV, Secretary

2309 North 34th Street • Sheboygan, WI 53083

The September 14, 1993 meeting was called to order at 7 p.m. by Vice-President Steve Meifert, KF9KZ.

The reading of the minutes from the August meeting was waived.

The treasurer's report was read by Al, NF9R.

We welcomed two guests to the meeting and everyone introduced themselves.

Neil Hicks, N9TBQ, was congratulated on becoming 16 years old today.

Volunteers were enlisted for the Monday night 2 Meter Net Control.

COMMITTEE REPORTS

There was no report from the Tech Committee. According to Al, "No news is good news."

The VE Committee would like to report two upgrades at the VE session on the 11th. Congratulations go to:

Francis Goettl Jr., N9KPK, on passing the Advanced Class, and Christiaan Jacobs, KB9IKQ, on passing the General Class.

Enjoy your new privileges!

If you hold a General Class license or

higher and would like to help out by becoming an ARRL Volunteer Examiner, contact Tom Hetzel, AA9BJ.

OLD BUSINESS

Thanks to all who helped out at the club's brat fry:

Penny, N9TCF (org.)	Ron, N9ITM
Neil, N9TBQ	Gregg, N9PZV
Mary, N9TCK	Chris, N9TCJ
Al, NF9R	Joe, N9REH
Mike, KB9DBH	Lyle, WE9R
Art, K9XJ	Steve, KF9KZ

And Amy, the soda girl.

Also all those who helped by bringing their appetites!

NEW BUSINESS

Members were asked to volunteer to help repair Kevin Hoffman's, WB9VSD, tower.

The meeting was adjourned at 7:15 p.m.

Following the meeting was a video entitled "Getting started in DXing" purchased from *CQ Magazine*.

Next Month: George Menart, K9GM, presents The DX PacketCluster

Respectfully Submitted,
Steve Meifert, KF9KZ

When you send material to BSSS for publication, please try to send it to the right staffer! If you're not certain, read the masthead on page 2. If you're still not sure, please call K9EN or K9ZZ on the telephone. Thanks!

Racine Megacycle Club Profiles

Continued from page 11



Wendy (N9PAC) and Larry (WA9JMO) McCaivy

the editor, chief cook, and bottle washer for most of its brief, two-year history."

Construction projects: none.

His interest in Amateur Radio started as a radio telegrapher in the U.S.M.C. (maybe that's why he likes phone) and a short run through the 11-meter band, and "my interest in communicating was easily expanded to world-wide ragchewing."

Clubs: One year with RMC, five years with QCWA (Chapter 162 Southeast Wisconsin), about 25 years with the Milwaukee Repeater Club, and thirty years on and off with the ARRL.

Vacation: Student of life. Now, I wouldn't say it's odd, but it sure is different. I've looked at it from many angles, and can't quite figure out just how those pork and beans get into the pot. Maybe the use of a microscope would help.

Ham experiences: Operating a station (ES1WW) in Tallinn, capital of Estonia for two wonderful hours (March of 1991), and visiting with UA0SR and UA0SU in Irkutsk, Siberia. The president and vice-president of the Irkutsk Radio Club (July

1992) are two recent happy ham experiences. Meeting and working with other hams on various projects over the years also have been interesting and wonderful.

Relaxation consists of reading, running, and tuning through the ham bands. Those hold equal footing with travelling.

Other interests are computers, writing, education, and the military.

Larry's wife, Wendy, N9PAC, was licensed on April 14, 1992, and daughter Laura also has a ticket (N9EIA).

In conclusion, we owe our freedom to the many services of the Armed Forces (which includes RMC members who have served) who have fought so hard and brilliantly from the Revolutionary War to the present.

Also, in the words of Senator Barry M. Goldwater, K7UGA, in 1964, in accepting the Republican presidential nomination in San Francisco: "Extremism in the defense of liberty is no vice" and that "Moderation in the pursuit of justice is no virtue."

Larry, the RMC is pleased to have you as a member. □

receives and decodes CW, RTTY, and NAVTEX transmissions.

Top notch features make AEA FAX II easy to use, right out of the box:

- An on-screen tuning scope makes tuning a breeze.
- A FAX station database allows the user to keep a log of their favorite stations and search that log quickly by name, country, and time.
- AEA FAX II works with or without a mouse, and is menu driven.
- The user can export images to GIF and PCX files, enabling the user to manipulate the images in many popular graphics programs.
- AEA FAX II offers support for COM1 - COM4.

Demodulator simply plugs into the back of the computer and plugs into the external speaker jack of your HF SSB receiver, making installation a snap.

With a VGA monitor, AEA FAX II displays highly detailed grey-scale images. CGA and EGA monitors can also be used.

Suggested retail price are AEA FAX II is \$149.00, and it's available from your favorite Amateur Radio dealer. Upgrades from earlier versions of AEA FAX may be purchased directly from AEA by calling Stacy at (206) 774-1722.

For more information, please contact Advanced Electronic Applications, P.O. Box C2160, Lynnwood, WA 98036. Phone: (206) 774-5554. FAX: (206) 775-2340. □

Eau Claire Amateur Radio Club

J. Brennan Fitzl, N9LIJ, Secretary

1418 Altoona Avenue • Eau Claire, WI 54701

The meeting was called to order at 1942 by W9NNS.

Jim Fitzl (N9LIJ) read the minutes of the previous meeting, which were approved with the following additions: the lunch committee for this meeting was N9OHE, W9NNS; the repeater frequencies listed in the minutes were listed backwards.

Sue Eide (KB9EUP) read the treasurer's report, which was approved by the membership.

OLD BUSINESS

Bill (W9NNS) mentioned that we don't have to worry about the damaged tables from the hamfest.

The proposed new repeater for 146.91 is being checked out and will be ready shortly.

A letter from the wife of a disabled husband wanting to become a ham was read. She is looking for information on how to become radio amateur, study materials, and so forth. Kenny Dicks will call her and give her the necessary information.

W9NNS has the instructional video from the ARRL. It is available for club members to look at and profit from.

Mike Schoenfuss (N9GHZ) told the club that he has tried several times to get information concerning club members who participated in the special event station The High Ground on July 4, 1993. He was given the information.

Joe Eide (KB9R) told the club that

Baldwin Hallaway (W0JD) is moving and has equipment for sale. This includes an EZ-Way tower, HF beam, VHF beam, 5-foot-high relay rack with a homebrew linear and a transmatch.

Carl Searing (W9NW) said he will have a list of equipment from W9FYI.

Christmas party: KA9HWN suggested using our regular meeting hall. N9LIJ is to call the American Legion Hall to see if reservations have already been made.

N9QWH and N9QVY are tuning a 6-meter repeater. They will be putting it in service on Meteor Hill in the next month or so. It will have a 440 MHz link for access via HTs.

The Chippewa Fairgrounds have been booked for next year's hamfest on July 23, 1994.

Those individuals interested in technical involvement with the new 147.84/.24 repeater should leave their names with the secretary.

Lunch committee for next meeting: WD9IJY, W9NW.

The October 12 meeting at the Parks and Recreation Building will see K0LAV address the club on Superlink.

The meeting adjourned at 2009 for a very informative and interesting tour of District 6 Highway Patrol Headquarters communications center.

Respectfully submitted:
J. Brennan Fitzl, N9LIJ
Secretary

Northern Wisconsin Radio Club

- Since 1923 -

Steve Hart, KA9OMC, Secretary

Route 1, Box 54 • Knapp, WI 54749

The next meeting of the Northern Wisconsin Radio Club will be on Tuesday, October 26. Business will include election of officers.

The program will be about mobile

cursors, and will be presented by Dave Kaun, N9KMX.

Steve Hart, KA9OMC
Secretary

Marathon Runner

Continued from page 11

and capable of long battery life." Fred will strap the portable Icom to his waist, wear a headset with a boom mike, and carry a PTT button in his hand.

He expects to go on the air about an hour before the gun goes off at 10:50 a.m. The race should last about five hours.

The IC-W21AT has a unique combination of battery and radio technology to provide the longest possible operating time, a critical need in this race. It comes with a whopping 900 mAH battery. The many power saving features (5 output power selections down to 15 mW, auto power down, auto output power selection, mono band option) all combine to produce an extremely low current drain (15 mA Rx, 1.3A Tx). The "hands off" energy management features are essential to a runner's environment.

Any hams wishing to add to Fred's fund raising project can pledge any amount. Those sending \$1 or more per mile for the 26 mile course will receive an Icom cap like the one Fred will wear in the marathon, and a tube of Solder-It Silver solder paste. If a pledge is given, the check should be made out to MSKCC and sent to Fred Doob, P.O. Box 20100, Shaker Heights OH 44120. Funds will be passed directly to Sloan-Kettering and used for childhood cancer research. The pledges can be made before or during the race, but are not necessary to give a call, earn a QSL card, and get Icom to give \$5 to Sloan-Kettering for the hall. Fred says, "I'm sure there will be a lot of operators lining up to give a call and help this worthy cause during the race."

- Icom news release

THE BARGAIN MODE
SSB
SELL SWAP BUY
OUR WANT ADS GET RESULTS

FOR SALE: Am scaling down in my ham radio hobby. Prices are a suggestion - may take best offer. Kenwood TS520 Transceiver, \$500.00 (hardly used at all). Heathkit SB-221 Linear Amplifier, \$500.00. 5 MHz Portable Oscilloscope, Heathkit Model ID-4541, \$200.00. Vacuum Tube Voltmeter, Heathkit Model IM-28, \$60.00. Solid-State Dip Meter, Heathkit Model HD-1250, \$60.00. RF Signal Generator, Heathkit Model IG-102, \$55.00. Electronic Design Experimenter, Heathkit Model ET-3100, \$55.00. Continuing Education Course - Electronic Circuits, Heath Model EE-3104, \$50.00. Passive Circuit Design, Individual Learning Program, Heath Model EE-1001, \$50.00. Heathkit Educational Systems: Macro 86 Assembly Language Programming, an Individual Learning Course, \$50.00. AM-COMM 2-meter transceiver, Model S-225, with VISTA X-R Regulated Power Supply, \$150.00. Heathkit HW-101 Transceiver and Power Supply, \$150.00. Heathkit HW-16 CW Transceiver with 6 crystals, \$30.00. Wilson SY33 3-element tribander beam and Alliance Antenna Rotator and Control, Model HD-73, \$150.00. 40 feet of old TV tower, just haul away. Rev. Phil Anderson, W9TP, 624 14th Street, Baraboo, WI 53913. Phone (608) 356-3471. The answering service comes on after four rings. □

New Products

Continued from page 10

extensive on-line context-sensitive help further simplify operation.

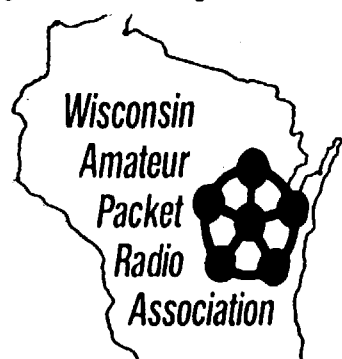
PC Pakratt for Windows supports standard control program features such as split screen operation, binary file transfers, QSO logging, macro facilities, on-screen status display, and much more. Supported modes include PACTOR, Packet, AMTOR/SITOR, Morse, RTTY (Baudot/ASCII), NAVTEX, TDM, and SIAM (Signal Identification and Analysis).

Suggested retail price for PC Pakratt for Windows is \$129.00, and is available from your favorite Amateur Radio dealer. For more information, please see the address at the end of the New Products section.

AEA FAX II

AEA has recently introduced the new AEA FAX II - a stand-alone, multi-intensity grey-scale HF weather FAX demodulator and display software package.

This IBM-compatible software receives and displays satellite maps and WEFAX images in 16 levels of grey. In addition to grey-scale images, AEA FAX II also



THE WISCONSIN PACKETEER

Wisconsin Amateur Packet Radio Association (WAPR)

Ted Heilmann, W9LLT
921 8th Ave., Grafton, WI 53024

Steve Loeffler, WB9ZRE, Editor, 123 W. Oshkosh St., Ripon, WI 54971

La Crosse/Winona Area BBS CHANGE!

Effective Sunday, September 5, the La Crosse/Winona area BBS will change over from W9LZQ to AA9AW. Walt has agreed to take on this major effort to continue the packet resource for our area. FOR OTHER SYSOPS: You will need to change your forwarding file from W9LZQ to AA9AW, the new call sign for the BBS effective Sunday. The route will be exactly the same as you have been using, but the bbs call sign will change. The alias (BBSLSE) will also remain the same. I would appreciate that you list W9LZQ in your forwarding file under call signs you forward to AA9AW.

Our plan is to have the BBS up and running by Sunday evening. It will probably go off the air early Sunday and remain off until Sunday evening.

I want to thank all of the fantastic Sysops who have contributed so much to the packet network in Minnesota and Wisconsin. You have done a tremendous job and I will watch closely as you continue your efforts. It will be fun, however, to watch things from a "User" perspective for a change! Keep up the good work!

73, W9LZQ @ AA9AW.#WWI.WI.USA.NA [effective 9/5/93]

Changes at the WB9TYT BBS

In an attempt to increase the throughput to/from my BBS via the statewide network, I have shutdown the NetRom node part of the BBS software..

This eliminates the call of WB9TYT-2 & the alias'es of MKEBBS & WITYT..

If you cannot connect directly to the BBS either 144.930, 145.690 or 441.050 & need to use the network, here is the correct path to use: First connect to your favorite/easiest node, then connect to WB9TYT-8, (alias is #slgb) or to WB9TYT-5 (alias is #slgh) & then to the BBS with the call of WB9TYT... WB9TYT-8 is on a 4800 baud link & WB9TYT-5 is on a 2400 baud link, but plans are to upgrade it to 4800 baud ASAP....

BBS Sysops, please note the route & please use whichever route works best for you...

73 es Cul... Dan..

ARRL NUMBERED RADIOGRAMS

Since many NIS messages arrive in the format known as the ARRL Radiogram, the following is presented to help sort things out, and make it easier for you. This information comes from the publications of the American Radio Relay League.

Numbered radiograms CANNOT be used when refiling into the MARS network. Also, be advised that most ARL traffic into 3rd party countries may be refused. In those cases, use plain English or include a translation as an operator's note.

When sending via packet, it is advisable to add a translation of the ARL number as an operator's note. Not all folks taking NIS traffic from packet BBSs are experienced NIS operators.

The letters ARL are inserted in the preamble in the check and in the text before spelled out numbers, which represent texts from this list.

Note that some ARL texts include insertion of numerals.

Example:

Nr 1 R WIAW ARL 5 Newington Conn June 1
Donald R Smith
164 East Sixth Ave.
North River City MO
Phone 733 3968 BT
ARL Fifty ARL Sixty One BT
Diana AR

GROUP ONE — For Possible "Relief Emergency" Use.

ONE — Everyone safe here. Please don't worry.

TWO — Coming home as soon as possible.

THREE — Am in _____ Hospital. Receiving excellent care and recovering fine.

FOUR — Only slight property damage here. Do not be concerned about disaster reports.

FIVE — Am moving to new location. Send no further mail or communication. Will inform you of new address when relocated.

SIX — Will contact you as soon as possible.

SEVEN — Please reply by Amateur Radio through the amateur delivering this message. This is a free public service.

EIGHT — Need additional _____ mobile or portable equipment for immediate emergency use.

NINE — Additional _____ radio operators needed to assist with emergency at this location.

TEN — Please contact _____. Advise to standby and provide further emergency information, instructions or assistance.

ELEVEN — Establish Amateur Radio emergency communications with _____ on _____ MHz.

TWELVE — Anxious to hear from you. No word in some time. Please contact me as soon as possible.

THIRTEEN — Medical emergency situation exists here.

FOURTEEN — Situation here becoming critical. Losses and damage from _____ increasing.

FIFTEEN — Please advise your condition and what help is needed.

SIXTEEN — Property damage very severe in this area.

SEVENTEEN — REACT communications services also available. Establish REACT communications with _____ on channel _____.

EIGHTEEN — Please contact me as soon as possible at _____.

NINETEEN — Request health and welfare report on _____. (State name, address and telephone number.)

TWENTY — Temporarily stranded. Will need some assistance. Please contact me at _____.

TWENTY ONE — Search and Rescue assistance is needed by local authorities here. Advise availability.

TWENTY TWO — Need accurate information on the extent and type of conditions now existing at

your location. Please furnish this information and reply without delay.

TWENTY THREE — Report at once the accessibility and best way to reach your location.

TWENTY FOUR — Evacuation of residents from this area urgently needed. Advise plans for help.

TWENTY FIVE — Furnish as soon as possible the weather conditions at your location.

TWENTY SIX — Help and care for evacuation of sick and injured from this location needed at once.

Emergency/Priority messages originating from official sources must carry the signature of the originating official.

GROUP TWO — Routine Messages

FORTY SIX — Greetings on your birthday and best wishes for many more to come.

FIFTY — Greetings by Amateur Radio.

FIFTY ONE — Greetings by Amateur Radio. This message is sent as a free public service by ham radio operators here at _____. Am having a wonderful time.

FIFTY TWO — Really enjoyed being with you. Looking forward to getting together again.

FIFTY THREE — Received your _____. It's appreciated; many thanks.

FIFTY FOUR — Many thanks for your good wishes.

FIFTY FIVE — Good news is always welcome. Very delighted to hear about yours.

FIFTY SIX — Congratulations on your _____, a most worthy and deserved achievement.

FIFTY SEVEN — Wish we could be together.

FIFTY EIGHT — Have a wonderful time. Let us know when you return.

FIFTY NINE — Congratulations on the new arrival. Hope mother and child are well.

SIXTY — Wishing you the best of everything on _____.

SIXTY ONE — Wishing you a very merry Christmas and a happy New Year.

SIXTY TWO — Greetings and best wishes to you for a pleasant _____ holiday season.

SIXTY THREE — Victory or defeat, our best wishes are with you. Hope you win.

SIXTY FOUR — Arrived safely at _____.

SIXTY FIVE — Arriving _____ on _____. Please arrange to meet me there.

SIXTY SIX — DX QSL's are on hand for you at the _____ QSL Bureau. Send _____ self addressed envelopes.

SIXTY SEVEN — Your message number _____ undeliverable because of _____. Please advise.

SIXTY EIGHT — Sorry to hear you are ill. Best wishes for a speedy recovery.

Monthly exams are given 9:00 to 11:00 a.m. at the Red Cross Building, 4521 Taylor Avenue, Racine. Walkins are permitted.

Inquiries and registrations should be directed to William Firschow, Jr., NW9P, 1912 27th Street, Kenosha, WI 53140, telephone (414) 658-8390.

TOMAHAWK, WI

Last Saturday of every month. Jan. thru Oct.

Tomahawk Volunteer Examiners (ARRL/VEC). Tomahawk, WI. No preregistration required, but appointment would be appreciated. Registration at 8:30 a.m. and testings starts at 9:00 a.m. For location or other information, inquire on 145.43 MHz. repeater or contact: Greg Garner, WA9W, 4088 Highway 51, Harshaw, WI 54529. Telephone (715) 453-7096.

STEVENS POINT, WI

Contact: Joe Larson, N9JW. (715) 344-1182.

KAUKAUNA, WI - SWAPFEST

MANITOWOC, WI, LAKESHORE HAMFEST

RACINE, WI - BIG BOY TOY SHOW

RHINELANDER, WI - NARC SWAPFEST

STEVENS POINT, WI - CIRA SWAPFEST

WAUKESHA, WI - KMRA SWAPFEST

WAUKESHA, WI - MIDWINTER SWAPFEST

See the Swapfest column for additional information and contact persons.

APPLETON, WI - ARRL/VEC

MANITOWOC, WI (HAMFEST)

KAUKAUNA, WI (HAMFEST)

Conducted by the Fox Cities ARC VE team. Contact: Larry Siebers, (414) 788-3823

MENOMONIE, WI

The Northern Wisconsin RC will be sponsoring exams from 9:00 to 11:30 a.m. at the UW Stout Communication Center, 820 South Broadway, Menomonie, WI. Use the north entrance. Walk-ins only. Contact Jim Ley, NX9F. Work: (715) 232-1397, Home: (715) 235-3998.

RIVER FALLS, WI

Contact: Chuck Kelly, KA9YRV, (715) 425-2428.

PARK FALLS, WI

There will be an Examination Session on Saturday October 9 at 1 PM in the Park Falls City Hall Complex. This Exam session is being sponsored by The Flambeau Amateur Radio Club. Cost of the exam will be \$5.60 except for those taking only Elements 1a and/or 2 (This includes those taking 1a to upgrade from Technician to Technician w/HF privileges). Also the Novice and Technician written exams (Elements 2 & 3A) will be using the new question pool which goes into effect on July 1. This Exam Session is being run under the ARRL/VEC. For more information contact:

Art Dunham, NC9G

656 7th Ave S

Park Falls, WI 54552

(715) 762-4948 or 762-5256 or 762-3221

Or on Packet @KA9EOK.WI.USA.NA

Walkins will be accepted but would appreciate advance registration. Be sure to bring Identification and the original and photocopy of your licence if upgrading. If you don't have a photo ID you will need two forms of ID.

LOVES PARK, IL

Third Saturday of every month. Northern Illinois Volunteer Examiners (Great Lakes ARC VEC). Held at North Suburban District Library, 6340 North Second St. (Hwy. 251), Loves Park, IL. Contact: Paul K. Dean, WB9HGZ, (815) 987-6754.

MT CARROLL, IL - OCTOBER 16TH ARRL/VEC)

The Palisades Amateur Radio Club & 90 WEST DX Assn (PARC) will sponsor license exams in Mount Carroll, IL on Saturday morning, October 16th. Testing for all license classes will begin from 9 to 10 AM. No advance registration is required.

Mt Carroll is centrally located between Rockford, Dubuque, and Davenport. The testing site is Mt Carroll City Hall, 302 N Main St, on

Yellow Thunder Amateur Radio Club

WB9FDZ (Original Club Call) • K9ODK (Robert L. Prine Memorial Call)



Raymond J. Matlosz, N9MLZ, Secretary

450 West 2nd Street • Reedsburg, WI 53959



The September 16, 1993 meeting of the Yellow Thunder Amateur Radio Club, Inc., was called to order at 7:33 p.m. by Bob Sauvan, WT9Q.

The minutes of the last meeting, as published in the Badger State Smoke Signals, were accepted. Jim Decker, WB9UQT, gave the treasurers report.

OLD BUSINESS: After considerable deliberation and much thought, Bill Klinkner, N9KXX decided to factor the mileage out in last months fox hunt. The tentative results as published in last months minutes are now final. Club members will begin working on a traveling trophy to be awarded to the winner at the next club fox hunt.

Mark Snyder, N0MVV updated the club members on this years Christmas Party. The club decided on having the Christmas Party at the Old Highway House Restaurant, West Baraboo, WI at 7:00 p.m. on Friday, December 10, 1993 (in place of the regularly scheduled December 16, 1993 meeting date). Cost of the dinner is \$7.00 for each person attending. There will be no gift exchange.

NEW BUSINESS: Bill Hommel, KA9QFJ, and Steven E. Schulze, N9UDO, submitted their applications at the meeting for club membership. Both were accepted. Congratulations.

L.J. Hemmer, WB9TFJ, told the club that he and several members have been discussing the need and possibility of starting an ARES for this area. He has been talking with Tim Steive, Emergency Government Director, Sauk County. Those interested in participating or wanting more information should contact L.J. Hemmer.

The next order of business was the nomination of club officers, wherein the former club President nominated the current officers and it seemed all the members present except the stunned officers seconded the motion at the same time. The club members then voted unanimously to reelect Bob Sauvan, WT9Q, President, Bill Klink-

ner, N09KXX, Vice President, Jim Decker, WB9UQT, Treasurer and Raymond Matlosz, N9MLZ, secretary.

Bob Sauvan asked if anybody would be interested in working with him during contests as a multi-op team.

Bob stated that N9MME upgraded to Advanced class last Saturday.

Buck night winner was Thomas Harrison, N9PQJ, who won four bucks.

The meeting adjourned at 8:30 p.m.

Respectfully submitted,

Raymond J. Matlosz, N9MLZ, Secretary

The next meeting will be held Tuesday, October 12, 1993 at the Baraboo Civic Center in room 14. Scheduled to follow the meeting is a program on VHF and UHF repeaters.

The following members and guests were present:

Raymond Matlosz, N9MLZ	Reedsburg
Bill Klinkner, N9KXX	Sauk City
Anne Klinkner, N9PQL	Sauk City
Arthur Kleefisch, W9WSS	Baraboo
Thomas Harrison, N9PQJ	Reedsburg
Harry Mayland, K9EFT	Baraboo
Jim Decker, WB9UQT	Baraboo
Jim Paul, N9LKY	Merrimac
Ken Johnson, K9DZG	Mazomanie
L.J. Hemmer, WB9TFJ	Baraboo
Rohbert Hemmer, N9LKK	Baraboo
Peter Sweeney, WD9JTB	Reedsburg
Mark Snyder, N0MVV	North Freedom
John Baeseman, N9PQP	Duluth, MN
George Gabay, N9QQR	New Lisbon
Steve Schulze, N9UDO	Baraboo
Bill Hommel, KA9QFJ	Baraboo
Ken Ebnetter, K9EN	Portage
Paul Snyder, KB9FGI	Sauk City

the southwest corner of the courthouse square. A talk-in is available through N9FID/R (Savanna) 147.135 MHz.+

For more info contact Jim N10Q or Jim WA9GCB.

DUBUQUE, IOWA - ARRL/VEC

Amateur examinations will be held on Nov. 20 in 1993.

Great River Amateur Radio Club VEs are now field stocked, which means retests can be given immediately.

Exams are held at 9:00 am at the Central Fire Station, 9th and Central in Dubuque. Use the basement entrance on 9th street. For more info, contact Mike Jozefowicz, NSOU, 2735 Hickory Hill, Dubuque, IA 52001. Or call Mike at 319-582-8563. Talk-ins are on the 147.84/24, 147.63/03 and 146.295/895 repeaters.

Arthur A. Evans, KA9KLZ

213 N Jefferson St.

Cuba City, WI 53807-1558

608-744-2704

This section of Badger State Smoke Signals is available to publicize your Volunteer Examiner Amateur Radio license examination schedules. Please send us your schedules of dates, times, and locations that you will be conducting examinations and we will include the information here. Be sure to include contact address and any other necessary requirements. Information should be sent to K9EN at the address shown on page 2.

City dude to farmer: Say, do those cows of yours give a lot of milk?

Farmer to city dude: Nope, not a drop. You have to get in there and take it from them.

—VE7JLB

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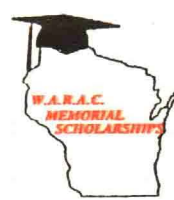
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JANUARY 9, 1994

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Karen M. Schneider, N9SVA, Appleton

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MADISON SWAPFEST

April 10, 1994

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(414) 762-3235 Extension 58
P.O. Box 102 South Milwaukee, WI 53172

Fox Cities Hamfest

November 7, 1993

Starlite Club, Hwy. 55 north of Kaukauna

HAMFEST INFO:

Dan Vanevenhoven, N9LVS
2410 E. Newberry Ct.
Appleton, WI 54915
414-739-5101

EXAM INFO:
Larry Siebers, KD9IA
414-788-3823

Lakeshore Hamfest
& Computer Swapfest

Manitowoc County Expo

Intersection of Hwys 42-151 and I-43 on Cty Highway R

Saturday, May 7, 1994

For more information, call:

Ron, WS9X: 414-793-4733 (Nights)
Red, N9GHE: 414-684-9097

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15th Annual

CWRA SWAPFEST

UNIVERSITY CENTER, U.W. STEVENS POINT

Info: Art Wysocki, N9BCA 715-344-2984
3356 April Lane Stevens Point, WI 54481

**EAU CLAIRE
AMATEUR RADIO CLUB
SWAPFEST**
July 23, 1994

Chippewa Falls Fairgrounds

Mike Ceraso, N9JMA 2432 Shafer Road
(715) 723-9205 Eau Claire, WI 54729

**ROCKFORD HAMFEST
AND COMPUTER SHOW**

Sunday, April 17, 1994

Rockford Metro Centre

Write to: R.A.R.A., P.O. Box 6931, Rockford, IL 61125.
For more info, call 1-815-399-6995

Ozaukee Radio Club
**15TH ANNUAL RADIO AND
COMPUTER SWAPFEST**

8 a.m. to 1 p.m. • Circle B Recreation Center
Intersection of Highway 60 and County I
Exams by Badger Examiners, c/o Gary Sharbuno,
5119 W. Willow Rd., Brown Deer, WI 53223
Swapfest sponsored by Ozaukee Radio Club
11448 N. Laguna Drive • Mequon, WI 53092

Kettle Moraine Radio Amateurs
SWAPFEST

Sunday, October 10, 1993

Waukesha County Expo Center

Info: KMRA Swapfest P.O. Box 411
Waukesha, WI 53187-0411

Northern Wisconsin Radio Club

AUCTION

February 22, 1994 • 7:00 p.m.

American Legion Post 53 • 634 Water Street
Eau Claire, WI

CONTACT:

Steve Hart, KA9OMC
Route 1 Box 54

715-665-2374
Knapp, WI 54749

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